9١

Does this data change often?

- ◆ Does this card include personal gain?
- ♦ Is this about what you do on the Internet?
 - ♦ Is it about you personally?
 - :wolad
- Some helpful hints for 'Yes/No' Questions are them over so that they are face down.
- eliminate cards from the game, by turning other players can then work together to
- Once a question has been answered, the number of questions that can be asked.
- The rest of the players take it in turns to ask the player a 'yes/no' question relating to the card. Facilitators may wish to adapt mimins are strangle, setting a maximum the game, of questings that can be acked
- not familiar with it).
- any of the other players which card they have selected (the player must not take the card away so they might need to take a
- One player selects a card but does not tell be seen by the players.
- Lay the cards out so all the information can How to play:

CUESS WHO?

(Play 1 suit per game) SEUJAV STHÐIA ATAG

:besu stiu2

Intermediate

Level of complexity:

+2

what they mean

guirrsel ditw glan hearing bus v20lonimed and different terminology and

"film interests to target cinema goers." that is programmed to take account of

preferences? For example an algorithm

say "Is your card relating to personal Personal Habits', then you might

world. E.g. if your card is related to

an example relating it to the online

For a more advanced version of the

might need more support with this game. This can also help younger age groups who

To play with a bigger group: The game can be played in teams. Team 1 pick a card and answer questions posed by those in Team 2.

through asking yes/no questions.

For players to guess the mystery card

CHALLENGE

Yes/No questions must always provide

Number of players:

:əwe6

:miA

DON'T SAY IT!

Level of complexity: Simple

Suits used: DATA VALUES

Number of players: 4+ players in 2 or more teams

Aim: For players to guess the title of the card, without saying any of the bullet points below it.

This is a great warm up exercise to help players to learn the cards. Younger players may need extra support with this game.

How to play:

the top of the pile and describe the title to their team, **without** using any of the words on the card

CHALLENGE

For a more advanced version of the game:

UNIAS FACILITATOR BOOKLET

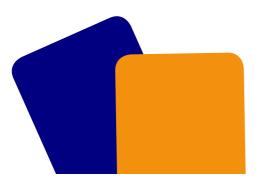
ŀ



- Facilitator to adapt depending on the needs of the group- players may need to use some of the bullet points at the beginning, especially if they are unfamiliar with the cards.
- Players are given 60 seconds to guess. If the team does not manage to guess the title, then the card goes to the bottom of the pile.
- The team with the most cards at the end of the game wins!

Players are invited to draw the title of the card, as opposed to trying to explain it using the bullet points.

It would be useful to learn the basic ideas of the cards and have a wider understanding of them. It would be very useful to learn the cards before you play a more complex game



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Helen Creswick & Liz Dowthwaite

Facilitator Booklet

UnBias Awareness Cards

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UTS 72N Mottingham rrumph Road The Nottingham Geospatial Building University of Nottingham (Jubilee Campus) Horizon Digital Economy Research Institute

hunbias.wp.horizon.ac.uk



2











and fairness in algorithmic systems. discussions relating to issues of bias, trust and others, or to provide inspiration for other like to run workshops with these age groups teachers, group leaders or others who would are useful for facilitators, whether they be from these groups. We hope that these were created or co-designed with people a selection of the games and activities that and the over 65s. This booklet provides

aged 13-17 years, 18-29 years, 30-50 years

with other ways of using them, which are

to give feedback on them and to come up

Nottingham ran workshops with different

age groups to ask them to try out the cards,

please visit: unbias.wp.horizon.ac.uk/fairness-toolkit

INTRODUCTION

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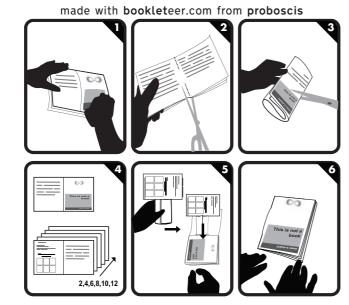
the impact that algorithms may have.

dialogue amongst these groups.

fun, informative and that further the

The UnBias team at the University of

Two workshops each were run with people



| 'Snap!' Version 2 | 20 |
|-----------------------------------|----|
| 'Snap!' Version 3 | 21 |
| Jumble The Line | 22 |
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| | |

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Imth.tse.ebres-seres-andrestplace/unbias-awareness-cards-set.html Professionally produced decks of cards can be purchased at cost-price online at

designed to help people to engage in a public civic dialogue about

is now unprecedented. The 'Fairness Toolkit' Awareness Cards are

make decisions that affect many aspects of our lives, on a scale that Algorithms are everywhere. They are increasingly being used to

For a free download of the 'Fairness Toolkit', including the Awareness Cards,

algorithms, to encourage people of all ages to think about

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their thoughtful feedback and contributions.

those who took part in the workshops for

The team would especially like to thank all

the workshops, relating to what approaches

work best with different types of group.

advice and feedback from those that ran

Also included within this booklet is further

CONTENTS

Introduction to the Process Cards

Introductions to the Exercise Cards

Introduction

Games

The Awareness Cards

Knowledge and Learning

The Motivation Game

Playing The Algorithm!

The Data Game

Four Of A Kind

Guess Who?

Don't Say It!

'Snap!' Version 1

Trumps





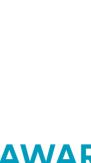
https://bkltr.it/2FHbm7

1 GLOSSARY CARD Provides a simple definition of what an algorithm is and does.



8 RIGHTS CARDS Legal rights that we have both offline and online, and which are upheld by the United Kingdom.





THE AWARENESS CARDS

The UnBias Awareness Cards are part of a Fairness Toolkit, which has been created to explore issues of bias, fairness and trust in algorithmic systems. Each pack of cards contains eight suits:

8 CARDS CARDS CARDS Invite users to 'Be the algorithm' by other factors might other factors might other factors might other factors on the vay an algorithm inuctions, and the consequences of its decisions.





8 EXERCISE Generations Group activities to explore issues of bias, trust, unfairness, and discrimination.



4 TrACTORS CARDS CARDS Encourage users to think about factors that might influence decision making, whether human or algorithmically-

moderated.

.bəsu bns

algorithm is created

might affect how an

types of values and motivations that

List examples of the

CARDS

VALUE

στ





12 DATA CARDS

Lists different types of data that may be shared with platforms and websites.

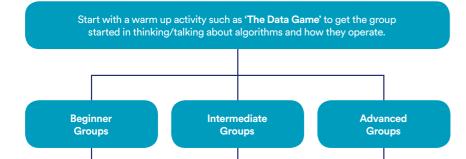


12 EXAMPLE CARDS

Contain real life examples that relate to algorithm bias.







RUNNING A WORKSHOP:

Below are suggestions for how to run a full workshop using the Awareness Cards, according

SESSION PLANS

to the level of ability that the group may have.

We found that all age groups enjoyed working with this suit. However, facilitators should pick a card from the suit that they think their group will be able to engage with the most. The young adults could relate best to the 'Going to University' or 'Hiring Staff' cards, whilst the older adults found the 'Offering a Loan' and 'Selling Insurance' most relatable. It helps to split your group into

Whilst each *Process* card forms a complete activity that often uses the *Values*, *Rights*, and *Data* cards, each card has a slightly different method. In situations with several groups, it might be useful to have the same steps for each *Process*, the following provides a suggested format. It helps to have a large sheet of paper and post-it notes to build the algorithm.

Process cards are intended to help people to think about how algorithms are programmed, and what purpose they may have. These cards also help to introduce and familiarise people to the deck as a whole, as the cards generally require users to engage with most if not all of the suits.

INTRODUCTION TO THE PROCESS CARDS

ADVICE RUNNING A WORKSHOP:

Have a starter activity or ice-breaker that helps your group to start thinking about algorithms and how they might be affected by them.

Give people time to ask questions!

lls diw sevlesmedt gnisinsilmst\gnisu

A Process card can be easily used with

the discussion and introduction to the

workshop, once time to introduce the

enough discussion for a whole two hour

or two exercises or games will generate

For older adults, we have found that one

Using an Example card can help to frame

any age group to help to get people

of the cards.

cards is allowed for.

cards.

- We suggest that Facilitators familiarise themselves with the pack of cards, or the suits that they will be using, prior to their
- Allow time for a really clear introduction to the cards (or the suits of cards that you will be working with in the session).
- Be on hand to explain any tricky words as some participants may find some of the words included in the cards to be

complex.

Morkshop.

- Bames anch as 'Snap!', and games where
 School aged groups prefer quick fire
- there is a winner.
 Be aware that some people may require extra time to familiarise themselves with the cards, especially if they are not familiar with the concept of an algorithm.
 If it is possible to run the activities over two sessions, then this may help some

groups to absorb the information.

- What data is most important or influential? From the created list, decide the THREE types of data that are vital for the algorithm to do its job, and target the correct people.
- What secondary data would improve the algorithm? Discuss the remaining data and decide on FIVE more types of data which would help the algorithm to make the decision it is designed for.
- What are the challenges? Once the above stages are complete, the algorithm is built. Use the remaining time to challenge and discuss the way it works using the Rights, Factors, and remaining values cards. For example:
- Factors: How would you justify your actions as fair and trustworthy? Is the algorithm fair? Does it discriminate against certain people?
- Rights: What rights would you need to respect and comply with? What might be violated by using an algorithm in this way?
- Values: What could the consequences be? Could someone with conflicting values use this algorithm for other purposes?

Z

- .əmit want to decide this beforehand to save or to shop online. The facilitator might deffing people to choose a different shop 'Commerce' and 'Power' the aim might be campaign to save the high street, but with & Belonging' this might be part of a noitsilittA' bns 'noitibs1T' dtiw gnolA high street store is under threat of closing. you might want to convince people that a example, for the 'Spread a rumour' card, Values cards to frame motivations. For be useful to give each group a couple of the used. To help with this it might create the context in which the algorithm algorithm do? Choose a Process card, and What is the scenario? What does the
- Who is the target audience? Discuss the people or groups the algorithm would target or prioritise. Note that this might not be relevant to every card, and it will be related to the context chosen in the previous step.
- What data is relevant and why? Deal out all of the Data cards, and choose every piece of data that might be useful to the algorithm – not just the title of the card, but take each bullet point as separate. You may also want to discuss why each is important.

If you enjoyed engaging with your group on issues of fairness, trust and bias in algorithmic systems, and you would like more inspiration to run future workshops on these topics, please see our Open Educational Resource: uyj.wp.horizon.ac.uk

Start with **'4 of a Kind'** followed by a game of **'Snap!'** (simple version) Play **'The Deciding Factor'**, followed by **'Algo'** and/or **'Trumps'** Play '**Snap**!' (advanced version) followed by '**Playing the Algorithm**'

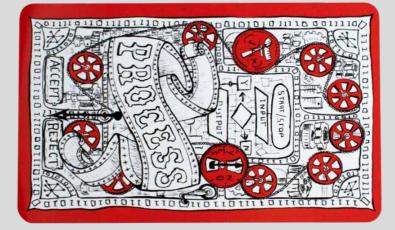
ACKNOWLEDGEMENTS

The UnBias team would like to thank all the participants who took part in the Fairness Workshops for their time, thoughtful and constructive feedback on the Awareness Cards, and for their ideas for games.

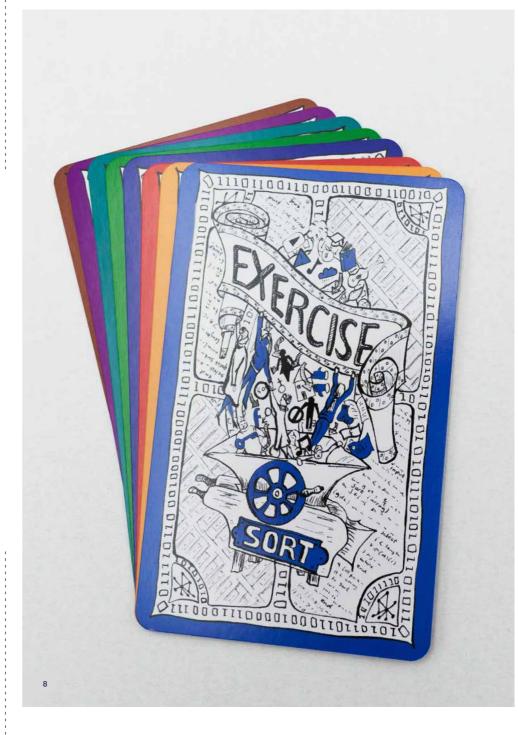
We would also like to thank the EPSRC for the Impact Exploration Grant funding, without which we could not have carried out this important and impactful work. We are grateful to Giles Lane at Proboscis who conceived, created and designed the Fairness Toolkit, Alex Murdoch for devising the Exercises for the cards and Alice Angus who illustrated the cards.

Thank you also to Jiahong Chen for his thoughtful input in the write up of these games.

small groups of four or five, and to have one pack of cards per group.



6



A STORY TELLING GAME

Number of players:

4

Aim To help players to collaborate to put selected.

suit.

• Once a card from every suit has been

turned over, these can be removed and

• The game ends once the group feels that

placed above the piles. The story can then be continued with a new card from each

together a story around the cards

Level of complexity:

How to play:

Advanced

The Facilitator picks and reads out an

• A player picks a suit and turns over the

of most interest to their group.

• Separate all suits into piles.

Example card, which they think would be

Suits used: FACTORS DATA RIGHTS **EXAMPLE PROCESS VALUES**

and how they may operate. to help players to think about algorithm

TUIH

can be made between the cards, and

have a practice run to show how links It might be useful for the Facilitator to

again and the game resumes until there is a

the cards, those card/s must be picked up

about any of the particular links between

If there is disagreement amongst the team

showing clear links between their Factor

emaining players and justify their choices,

must show their set of relevant cards to the

then the game moves to the next stage.

If only one player can play their card,

• At the end of a round, If only one player has an empty hand, in order to win they

- Otherwise, the game resumes as

from their hand as possible by relating it

For each player to discard as many cards

and the rest of the cards.

to their Factor card.

Number of players:

:miA

THE DECIDING FACTOR

(smsət 4 ro) 4

EXERCISE CARDS INTRODUCTIONS TO THE

algorithmically-mediated systems. operate, across all areas of life and not just online or in exploring how bias, trust, prejudice, unfairness, and discrimination The Exercise cards are a set of dynamic group activities for

algorithm can consider.

opinions we often hold - none of which an

change our minds, and the contradictory

considerations of context, the ability to

ot sheel sint netto. Often this leads to

might manifest in similar or different ways how the judgments an algorithm makes

by the people programming them, and b)

might get built into an algorithmic system

we make, and values we hold as individuals, potential assumptions we have, judgments

on how algorithms work, by highlighting the

are not focused on either the online world or Whilst the activities on the cards themselves

they allow us to consider a) how these

and values that affect our everyday lives. promoting consideration of our own biases have encountered in the media, as well as own experiences, and on stories they may They encourage people to draw upon their collaboration, and shared experiences. opportunities for role play, improvisation, in improvisational theatre, and provide The cards were created with an expert

.ebem ed for the types of statements that may and consider setting some clear ground rules very familiar with what the cards are asking topics, so it is important to make sure you are the potential to cover some quite sensitive to take active roles. Some may also have older age groups or groups who are reluctant Some of the cards may be less suitable to the take into account before using this suit. There are some considerations you should

6

card, this process is repeated.

blayer

- If more than one player can play their

each take one more card from another

Every player takes a turn until a round is completed.

not relevant to their Factor, then they must

it face down in front of them. If the card is

hand of the player next to them. If the card is relevant to their Factor, they must place

• Next, each player picks a card from the

Each player must select up to 3 cards that
 are relevant to their Factor card and put

• Shuffle the remaining cards and deal out

• Each player is given a Factor card but must

FACTORS DATA RIGHTS VALUES

add it to their own hand.

face down in front of them.

keep it secret from the others.

equally to all players.

How to play:

:besu stiu2

Level of complexity:

elqmi2

player has an empty hand, those players • At the end of a round, if more than one

54

- story based on this card. The story can be fictional or real, and must be related to the Example discussed.
- card of a different suit, and add something to the story, using the card as a guide. Note that if the player cannot find a link to the story using the card, they may discard it for another. The Facilitator may wish to help players to add to the story by asking them to consider particular issues that they consider to be pertinent to the theme of the story.

they have exhausted the links between the rounds works the best to keep the game moving. It might be useful to decide at the beginning how many rounds to have, so that the story can be guided towards a conclusion.

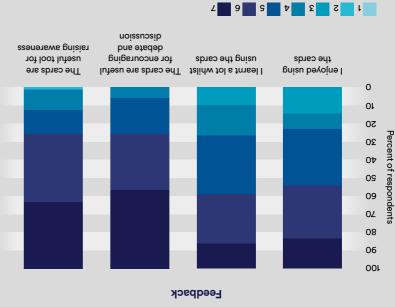
Creative and flexible and easily adaptable for all groups



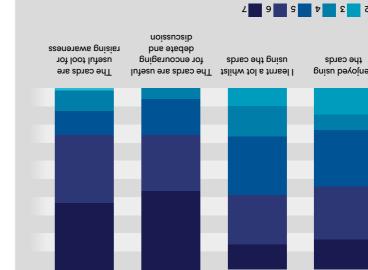
μ

52

A score of 1 = completely disagree, whilst a score of 7 = completely agree. Figure 2: Graph showing the scores participants gave to statements relating to the Awareness Cards.



groups which will facilitate discussion beyond basic conversation existing knowledge about the topics but particularly within diverse Let ink the cards are useful to anyone who does not have a lot of



people because of this experience? What advice would you give to other - This is what I did next.

- This is how it made me feel...

This is what I found... [e.g. the service].

What are the top three types of Data that I give when online?

What are the top 3 Values underlying What I am looking for?

- To... [e.g. go shopping, get a recipe].

the same story the whole way through.

each player must write the responses to

Lesbouse spong pe oue seutence, and

through scenario cards, problem solving bnuors soigot noissuosib to egner end of a start of the sta and game-players: stand-alone wide range of applications

> statement that asks, 'How might this Facilitators can add in another

minutes for discussion of learning.

Allow 15 minutes for game play and 15

and Data impact on online experiences.

different cards from the deck to encourage During each round, the Facilitator may pick

sepects of the story to discuss how Values passed along to the next player. Note, each response is written, the paper is folded and Facilitator to help players to reflect on statements/questions below. After each Next, go around the room and read out the narratives! passed to the player next to them. Players are then asked to write the answer to the • Each piece of paper is then folded over and players to think about different aspects of

- .evitetten trust, tairness and bias when writing their
 - Players are asked to write the following at the top of the page, '[Name] went online...
 - - HOW to play:
- - Each player is given a piece of A4 paper.

- - - - 2-2
 - Number of players:
 - SHULAV ATAU
 - :besu stiu2
 - alduis Level of complexity:

A piece of paper for each player. gesonices needed:

nave gone wrong?

CHALLENGE

story, like Consequences. story telling activity. This is a fold-over experiences through a fun, team based For players to reflect on their online :miA

JUMBLE THE LINE

ALGO

Level of complexity: Intermediate

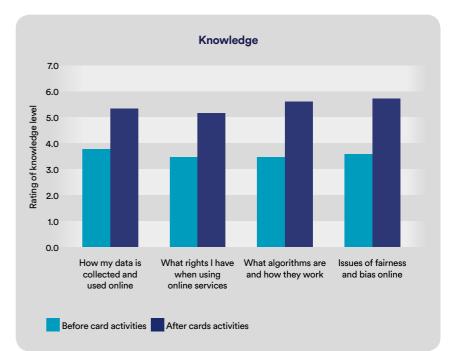
Suits used: **PROCESS VALUES FACTORS DATA RIGHTS**

Number of players: 4-6 (can be pairs)

Aim: For players to collect 4 cards that support their Process card.

KNOWLEDGE AND LEARNING

During each of the workshops, we distributed questionnaires to gain feedback from participants on the Awareness Cards, and to find out how much they felt that they had learnt from using them. They showed that the cards were well received, and effective as educational materials (Figures 1 and 2).



How to play:

- Each player chooses a *Process* card at random and hides it from the other players throughout the game.
- Shuffle the remaining cards and deal out four cards to each player.

- Players always need 4 cards in their hand.
- Players can only have a maximum of 2 cards of the same suit in their hand at the end of the game.

Rules:

- Place the remaining cards in the middle.
- Players take it in turn to pick up a card from the middle
- Players must then decide which of their cards are most suited to their Process, keeping the **four** most important card in their hand. The remaining (fifth) card should then be discarded.
- The discarded card is placed face up to form a 'Discard' pile next to the main pile of cards. Players may pick up cards from their main pile or the 'Discard' pile.
- middle have been picked up.
- Once all the cards from the middle have been picked up, players must reveal their hand of cards along with their Process card, and debate which player's cards are most suited to their Process, until a winner is declared!

CHALLENGE

Players could also talk about which cards they discarded, or any cards that they would have liked to have collected.

Really gets you thinking about how algorithms are set up and work

23

Figure 1: Graph showing the increase in self-rated knowledge before and after taking part in two sessions involving the Awareness Cards. A score of 1 = no knowledge at all in this area, whilst 7 = I am an expert in this area.

How to play:

Advanced

Suits used:

FACTORS

'SNAP!'

Level of complexity:

VERSION 3

Each person is given their own *Example* card. Players read out their *Example* to the

EXAMPLE DATA VALUES RIGHTS

- rest of the group.
- At the end of the game, players can discuss the *Example* cards and the connections made with the rest of their cards in more

2-6

For players to gather as many pairs of cards by finding links to their own Example cards.

Number of players: Aim

relevant Example.

all players.

How to play:

FACTORS

:pasn sting

Intermediate

Level of complexity:

id∀NS,

VERSION 2

by the group, the card is placed under the between the top card and either of the Example cards. If the reason is accepted

player can call 'Snap!' when there is a link

to form a pile, as above. In this version, a

Players take it in turns to put a card down

• Cards are shuffled and dealt out equally to

the players, either side of the play area.

• The Example cards are placed in front of

Eacilitator picks two Example cards and

STHJIR SEULAV ATAG ELGMAXE

reads them to the group.

THE DATA GAME

Level of complexity: Starter

Suits used:

DATA

Number of players: 2+

How to play:

- The Facilitator asks each person in the group to identify one activity that they use the Internet for (e.g. shopping).
- Next, the Facilitator asks each person in the group to name a platform or website that enables them to carry out one of the

To encourage people to consider how

Aim:

get people thinking about algorithms and how they operate.

• The Facilitator then lays out the Data cards

onto a table and asks each person in the group to identify one piece of data that is shared with the platform or website when

algorithms may be used in their daily lives.

This game is a great starter activity to

THE MOTIVATION GAME

Number of players:

:miA +2

tor those aged 60+ they go online. The game is most suitable To encourage people to consider why

game a good social activity for 66 I also found the motivation

in relation to why they go online.

CHALLENGE

the most relevant or important to them,

should consider which of the rights are

Next, deal out the Rights cards. Players

Starter Level of complexity:

YALUES (RIGHTS FOR

:pəsn sting

(NOISAEV GEOMAVGA

- :Yeld of WoH
- Shuffle the Values cards and deal equally to all players.
- the Value cards as inspiration. E.g. A player might pick the Problem Solver' (featured on the Science and Knowledge notivates them to use the Internet, using Players take it in turns to say what
- to answer a tricky crossword puzzle. think about how going online helps them Value card) as it may prompt them to

covered their own motivations. they have used all the cards or blayers keep going around until



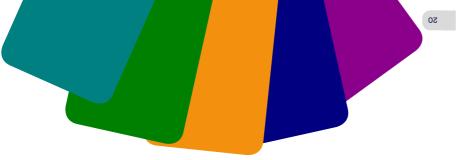








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to a broader range of issues.

two Example cards as possible.

Number of players:

:miA

5-6

For players to find as many links to the

discuss the Examples and to link the cards

the players for them to take another turn at

There is no winner- but the game is used to

applying them to the Example cards.

Once the players have no more cards left,
 the cards in the pile can be split amongst

- Cards are shuffled and dealt out equally to all players.
- Players take it in turns to put a card down to form a pile, as above. Players are asked to 'Snap!' when they see a connection between the card on the pile and their own Example card. Players must give their reason for the 'Snap'. If the reason is accepted by the group, then the player may put this card underneath their Example card.
- The winner is the player who had the most cards underneath their Example card.

ties online (e.g. Amazon). It does not have to be the activity they named. Again, it does not have to be the one

they go online for one of the activities.





How to play:

Number of players:

Simple Suits used: **DATA VALUES RIGHTS FACTORS**

2-6 Aim:

For players to gather as many pairs of cards by finding links between them.

'SNAP!' VERSION 1

81

A guick fire game to help players to become familiar with the cards and to encourage players to think about the **links and connections** that can be made between the cards. Different versions are available, depending on the desired complexity and what the Facilitator would like to achieve using the cards.

Level of complexity:

How to play:

- Deal out cards amongst players Players take it in turns to point to a card in the hand of the player next to them (only the back of the card is visible).
- For the player to win their chosen card, the current owner of the card must say the title (e.g. ' of the card

EXAMPLE

Player A required a Data card to complete their set of four. They see that Player B next to them has a blue Data card in their hand. Player A selects this card. Player B then says 'Location' Data. Player B must then identify two types of

Level of complexity:

FOUR OF A KIND

Simple Suits used:

DATA VALUES

For players to gather as many sets of four cards as possible.

Number of players:

4

Aim:

Number of players:

:miA

+Σ

Intermediate Level of complexity:

TRUMPS

SHOTDAT ALIGMAXE ATAC :besu stiu2

RIGHTS VALUES

How to play:

S١

- topics, so try to pick one that your group Example cards cover a broad range of and discussing it with the group. The spends a few minutes reading it through The Facilitator picks an Example card and
- amongst the players. Shuffle and deal out the remaining cards will find the most interesting.

- This game does not need to be competitive

- required. - other players can help each other out in finding connections between the cards, if
 - their card is relevant to it.

S٢

this process.

algorithm that they are building for

Each player should now have their own

set of Data cards that will fit into their

three players, three cards for four players.

E.g. six cards for two players, four cards for them until the cards are equally distributed.

each of their selected cards out in front of create an algorithm for this theme, laying what data they think will help them to players. Players take it in turns to choose

• Lay out all of the Data cards in front of the

Players are now tasked with creating their

Commerce' may lead to the theme of Process card – 'Spread a Rumour' along with the Values cards of 'Tradition' and

theme using the chosen cards - E.g. The

• The group picks one Process card and two

ATAG SEULAV STHÐIM SZEDOMA

ALGORITHM!

PLAYING THE

• They then work together to establish a

Values cards.

:velq of woH

:pesn sting

Advanced

Level of complexity:

own algorithm that would serve this theme.

'Willennials are killing the music industry'.

ietedeb

:əweß

Draw extra Rights cards to further the

For a more advanced version of the

Next, debate whose algorithm is best!

algorithm from abiding by the law.

to think about what Data would stop their

Facilitator should try to encourage players then have to lose their Data card. The

turns over 'Disability Rights', the person with 'Health Records' would potentially

to cull/keep their cards! E.g., if a player would contradict the Right, and debate

other's Data cards to see if any of them

random and turned over one at a time. Players then look at their own and each

Mext, three Rights cards are picked at

any of the group's Rights cards.

Number of players:

:miA

2-4

applicable to it, without contradicting debate which of their cards are most For players to design an algorithm and

CHALLENGE

cards, placing it down on (or near) the Example card, and explain how and why

Players take it in turns to pick one of their

Example card and the rest of the cards.

To find as many links between the

- the players.
- Players take it in turns to put their card down (face up) to form a pile.
- Any player can shout 'Snap!' by placing their hand down onto the pile of cards After shouting 'Snap!', the player has to find a link between the two cards in order to keep the pile.
- The Facilitator might need to act as a 'Judge' to decide if it is a valid link.
- If the player's reason is accepted, then they can put their winning pair of cards to the side and add the remaining cards from the pile to their hand.
- Shuffle the cards and deal equally amongst
 If it is decided that the player's reasoning for their 'Snap' is not sufficient, then the cards in the pile are divided amongst the other players.
 - The player with the most pairs of cards at the end of the game wins!

CHALLENGE

Another player can challenge the rest of the group if they can find a better link between the cards!



• The player that selected the card must then provide two examples of this kind of Data or Value (they do not need to be the exact ones listed) to win the card.

ta to v

• Once a player has acquired a set of four *Data* or *Values* cards, they can put them down in front of them. The player with the most sets of four wins!

CHALLENGE

The Rights cards can be added in, and players could be asked to think about what having these rights might mean.



