self_reflection_uoft.csv

Autogenerated data summary from dataMaid

2023-11-21 21:16:05

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	71
Number of variables	20

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
Unique participant code	**participant_code**	character	71	0.00 %	
Internal (abbreviated) treatment name	**player.inner_name**	character	4	0.00 %	
The average non-gamified payoff for each participant.	**profit_nongamified**	numeric	33	0.00 %	
The average gamified payoff for each participant.	**profit_gamified**	numeric	38	1.41 %	
Participant's average normalized accuracy of first-tick predictions.	**accuracy_pred_zero_mean**	numeric	10	0.00 %	
The average of a participantÕs prediction accuracy scores, where each score is normalized between zero (not accurate) and one (perfectly accurate).	**prediction_accuracy_mean**	numeric	12	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
Self-reported assessment of the player's knowledge in trading	**player.knowledge**	numeric	10	0.00 %	
the difference between a participant's self-rated knowledge and their actual payoff, both normalized to a scale from 0 to 1	**overconfidence**	numeric	23	0.00 %	
Age of the player.	**player.age**	numeric	6	0.00 %	
Payoff for the player in this round	**player.payoff**	numeric	4	0.00 %	
Gender of the player.	**player.gender**	character	2	0.00 %	
Did you take any course focused on financial markets	**player.course_financial**	numeric	2	0.00 %	
Do you have any trading experience?	**player.trading_experience**	numeric	2	0.00 %	
Do you use mobile trading apps?	**player.online_trading_experience**	numeric	2	0.00 %	
If you could trade again, would you rather trade on a platform with Design #1 or Design #2?	**player.sr_prefs**	character	2	0.00 %	
If you could trade again, would you expect to make better decisions when the market looks as in Design #1 or #2?	**player.sr_better_decs**	character	2	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
If you could trade again, would you prefer to be given an option between Design #1 and Design #2, or only trade on Design #1	**player.sr_better_have_option**	character	2	0.00 %	
Please rate the following trading app features on a scale from 1 (strongly dislike) to 5 (strongly like): Price notifications	**player.sr_notifications**	numeric	6	30.99 %	
Please rate the following trading app features on a scale from 1 (strongly dislike) to 5 (strongly like): Achievement badges	**player.sr_badges**	numeric	6	49.30 %	
Please rate the following trading app features on a scale from 1 (strongly dislike) to 5 (strongly like): Achievement messages and confetti	**player.sr_confetti**	numeric	6	49.30 %	

Variable list

participant_code

Unique participant code

- The variable is a key (distinct values for each observation).

player.inner_name

Internal (abbreviated) treatment name

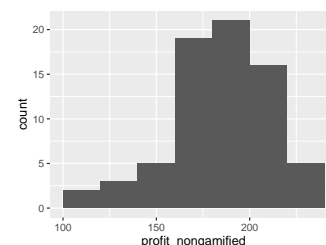| Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	4
Mode	"s1"
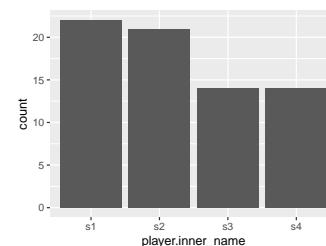
- Observed factor levels: "s1", "s2", "s3", "s4".

profit_nongamified
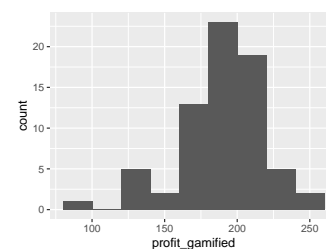
The average non-gamified payoff for each participant.

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	33
Median	187.5
1st and 3rd quartiles	172.5; 207.5
Min. and max.	102.5; 240

profit_gamified

The average gamified payoff for each participant.

Feature	Result
Variable type	numeric
Number of missing obs.	1 (1.41 %)
Number of unique values	37
Median	195
1st and 3rd quartiles	177.5; 210
Min. and max.	97.5; 255

accuracy_pred_zero_mean

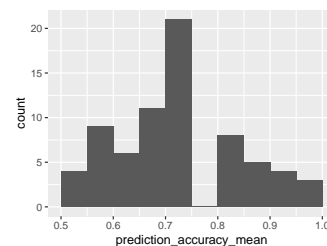*Participant's average normalized accuracy of first-tick predictions.*

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10
Median	0.5
1st and 3rd quartiles	0.31; 0.56
Min. and max.	0; 1
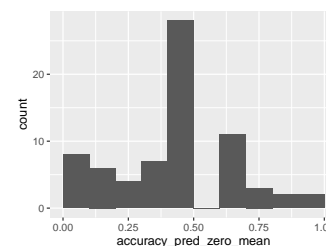
prediction_accuracy_mean

The average of a participantÕs prediction accuracy scores, where each score is normalized between zero (not accurate) and one (perfectly accurate).
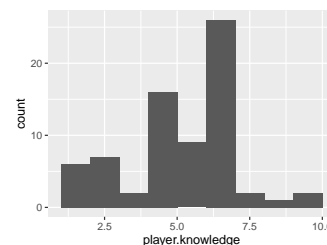
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	12
Median	0.75
1st and 3rd quartiles	0.62; 0.81
Min. and max.	0.5; 1

player.knowledge

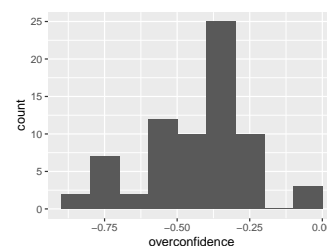*Self-reported assessment of the player's knowledge in trading*

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10
Median	6
1st and 3rd quartiles	5; 7
Min. and max.	1; 10

overconfidence

the difference between a participant's self-rated knowledge and their actual payoff, both normalized to a scale from 0 to 1
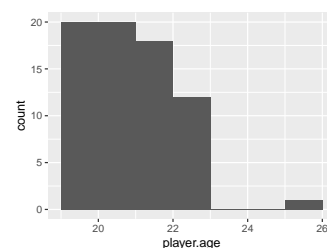
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	23
Median	-0.32
1st and 3rd quartiles	-0.5; -0.3
Min. and max.	-0.9; 0

player.age

Age of the player.

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	21
1st and 3rd quartiles	20; 22
Min. and max.	19; 26

player.payoff

Payoff for the player in this round

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	4
Median	12
1st and 3rd quartiles	11; 12
Min. and max.	8; 12
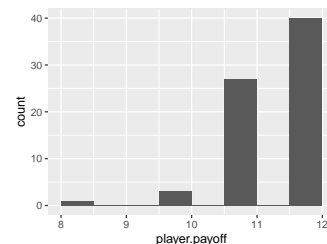
player.gender

Gender of the player.

Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	"Male"
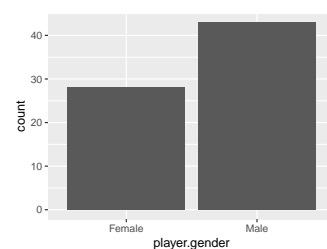
- Observed factor levels: "Female", "Male".

player.course_financial
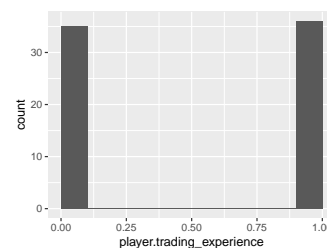
Did you take any course focused on financial markets

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	2
Median	1
1st and 3rd quartiles	1; 1
Min. and max.	0; 1
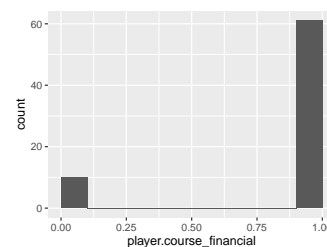
player.trading_experience

Do you have any trading experience?

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	2
Median	1
1st and 3rd quartiles	0; 1
Min. and max.	0; 1

player.online_trading_experience

Do you use mobile trading apps?

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	2
Median	1
1st and 3rd quartiles	0; 1
Min. and max.	0; 1
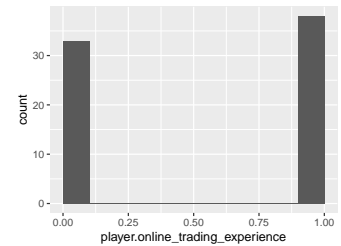
player.sr_prefs

If you could trade again, would you rather trade on a platform with Design #1 or Design #2?

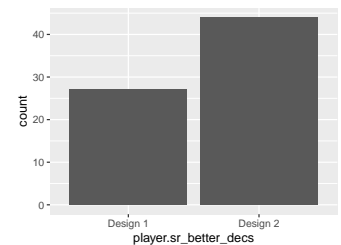| Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	"Design 2"
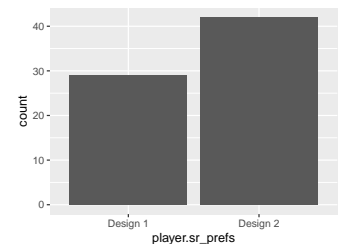
- Observed factor levels: "Design 1", "Design 2".

player.sr_better_decs

If you could trade again, would you expect to make better decisions when the market looks as in Design #1 or #2?

| Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	"Design 2"

- Observed factor levels: "Design 1", "Design 2".

player.sr_better_have_option

If you could trade again, would you prefer to be given an option between Design #1 and Design #2, or only trade on Design #1

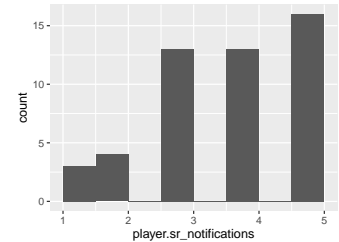| Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	"Have an option between Design #1 and Design #2,"
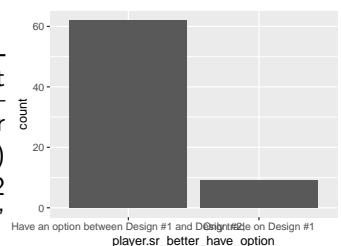
- Observed factor levels: "Have an option between Design #1 and Design #2,", "Only trade on Design #1".

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player.sr_notifications

Please rate the following trading app features on a scale from 1 (strongly dislike) to 5 (strongly like): Price notifications
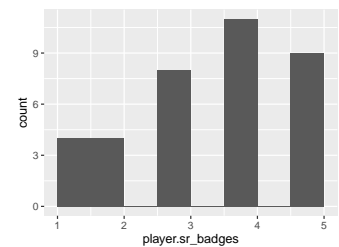
Feature	Result
Variable type	numeric
Number of missing obs.	22 (30.99 %)
Number of unique values	5
Median	4
1st and 3rd quartiles	3; 5
Min. and max.	1; 5

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player.sr_badges

Please rate the following trading app features on a scale from 1 (strongly dislike) to 5 (strongly like): Achievement badges

Feature	Result
Variable type	numeric
Number of missing obs.	35 (49.3 %)
Number of unique values	5
Median	4
1st and 3rd quartiles	3; 4.25
Min. and max.	1; 5

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player.sr_confetti

Please rate the following trading app features on a scale from 1 (strongly dislike) to 5 (strongly like): Achievement messages and confetti

Feature	Result
Variable type	numeric
Number of missing obs.	35 (49.3 %)
Number of unique values	5
Median	3
1st and 3rd quartiles	3; 5
Min. and max.	1; 5
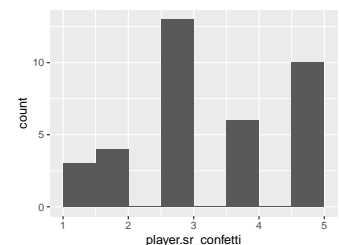
- Function call: dataMaid::makeDataReport(data = df, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "self_reflection_uoft.csv",   replace = T, openResult = F, checks = list(character = "showAllFactorLevels",   factor = "showAllFactorLevels", labelled = "showAllFactorLevels",   haven_labelled = "showAllFactorLevels", numeric = NULL,   integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE,   maxProbVals = Inf, codebook = TRUE, reportTitle = "self_reflection_uoft.csv")