

Kanban Board
For Project Planning
“Albi” Kovatcheva and Barbra Treston

The screenshot shows a Trello Kanban board titled "DSO110 - Final Group Project 1 - NYS Megamillions Lottery". The board is organized into four columns: Backlog, Sprint, In Progress, and Done. The "Done" column is further divided into three sub-columns: Done - 1, Done - 2, and Done - 3. Each card in the board includes a title, a due date, a progress indicator (a green bar with a percentage), and assignee avatars (BT and UU). The cards are as follows:

- Backlog:** Empty.
- Sprint:** Empty.
- In Progress:** Empty.
- Done - 1:**
 - Card 1: "Create document answering 'Get to Know your Team' questions for each member." Due: Nov 21, 2021. Progress: 4/4. Assignees: BT, UU.
 - Card 2: "Select data set." Due: Nov 21, 2021. Progress: 3/3. Assignees: BT, UU.
 - Card 3: "Determine questions and analyses." Due: Nov 21, 2021. Progress: 3/3. Assignees: BT, UU.
 - Card 4: "Set up kanban board." Due: Nov 21, 2021. Progress: 5/5. Assignee: UU.
 - Card 5: "Complete and submit project proposal." Due: Nov 21, 2021. Progress: 11/11. Assignees: BT, UU.
 - Card 6: "Setup Github." Due: Nov 28, 2021. Progress: 2/2. Assignee: UU.
- Done - 2:**
 - Card 1: "Wrangle 'Lottery_Mega_Millions_Winning_Numbers_Beginning_2002' data set." Due: Dec 5, 2021. Progress: 6/6. Assignee: UU.
 - Card 2: "Load code to git hub repository." Due: Dec 5, 2021. Progress: 1/1. Assignees: BT, UU.
 - Card 3: "Search for additional data on lottery winnings." Due: Dec 5, 2021. Progress: 2/2. Assignee: BT.
 - Card 4: "Explore Data." Due: Dec 12, 2021. Progress: 3/3. Assignees: BT, UU.
 - Card 5: "Background Data for gendered differences." Due: Jan 2. Progress: 1/1. Assignee: BT.
 - Card 6: "Test necessary assumptions for required analyses." Due: Jan 9. Progress: 1/1. Assignees: BT, UU.
- Done - 3:**
 - Card 1: "Run specified analyses to answer corresponding questions." Due: Jan 9. Progress: 1/1. Assignees: BT, UU.
 - Card 2: "Explain insights from statistical analyses." Due: Jan 15. Progress: 1/1. Assignees: BT, UU.
 - Card 3: "Visualize data." Due: Jan 15. Progress: 1/1. Assignees: BT, UU.
 - Card 4: "Report data." Due: Jan 15. Progress: 1/1. Assignees: BT, UU.

Create document answering 'Get to Know your Team' questions for each member.

in list

Done - 1

Members

BT

UU

+

Labels

2

+

Due date

✓

Nov 21, 2021 at 2:00 AM

complete

▼

Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

Custom Fields

Add dropdowns, text fields, dates, and more to your cards.

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Power-Ups

✓ Approvals

External Share

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Google Drive

Slack

+ Add Power-Ups

Automation

+ Add button

Actions

→ Move

Description

Edit

Must submit a document answering each question for every team member:

1. What does this team member consider his or her strengths?

2. What does this team member consider his or her weaknesses?

3. How does this team member feel he or she works best?

4. How would the team member like to receive feedback?

Checklist

Hide checked items

Delete

100%

✓

What does this team member consider his or her strengths?

@barbrat1 @uniqueunicorn

✓

What does this team member consider his or her weaknesses?

@barbrat1 @uniqueunicorn

✓

How does this team member feel he or she works best?

@barbrat1 @uniqueunicorn

✓

How would the team member like to receive feedback?

@barbrat1 @uniqueunicorn

Add an item

Activity

Show details

UU

Write a comment...

2

Select data set.

in list Done - 1

Members

Labels

Due date

BT UU +

3 +

☒ Nov 21, 2021 at 2:00 AM complete ▾

Description Edit

After selecting topic(s), consider these non-exhaustive dataset selection criteria:

- Free access and use
- => 200 rows/cases.
- <= 500,000 rows/cases.
200,000 or 250,000 is a good limit for the number of rows/cases.
- Uniqueness: Not built-in R or Python dataset, not pre-done project.

Kaggle is a good data source. There are many other potential data sources.

Checklist

Hide checked items Delete

100%

- ☒ Discuss potential topics. @barbrat1@uniqueunicorn
- ☒ Research potential data sets of interest. @barbrat1@uniqueunicorn
- ☒ Select data set(s). @barbrat1@uniqueunicorn

Add an item

Activity

Show details

UU Write a comment...

Add to card

- Members
- Labels
- Checklist
- Dates
- Attachment
- Cover
- Custom Fields

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Actions

→ Move

Determine questions and analyses.

in list Done - 1

Members

BT UU +

Labels

5 +

Due date

Nov 21, 2021 at 2:00 AM complete ▾

Description

Edit

1. Determine relations we want to explore.

2. Determine independent and dependent variables (IVs and DVs).

3. Determine analyses we can run with given data.

Checklist

Hide checked items

Delete

100%

✓

Determine relations we want to explore. @barbratf@uniqueunicorn

✓

Determine independent and dependent variables (IVs and DVs). @barbratf@uniqueunicorn

✓

Determine analyses we can run with given data. @barbratf@uniqueunicorn

Add an item

Activity

Show details

UU

Write a comment...

Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

Custom Fields

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Automation

+ Add button

Actions

→ Move

Set up kanban board.

in list Done - 1

Members



Labels



Due date



Nov 21, 2021 at 2:00 AM

complete



Description

Edit

Kanban board must be setup with these swim lanes:
Backlog, Sprint, In Progress, Done.



Checklist

Hide checked items

Delete

100%



Backlog @uniqueunicorn



Sprint @uniqueunicorn



In Progress @uniqueunicorn



Done @uniqueunicorn



Add cards to each swim lane. @barbrat1 @uniqueunicorn

Add an item



Activity

Show details



Write a comment...

Add to card



Members



Labels



Checklist



Dates



Attachment



Cover



Custom Fields

Add dropdowns, text fields,
dates, and more to your cards.



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Power-Ups



Approvals



External Share



GitHub



Google Drive



Slack

Complete and submit project proposal.



in list [Done - 1](#)

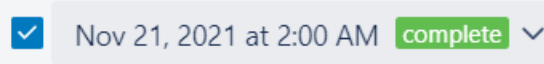
Members



Labels



Due date



Add to card

 Members


 Labels

 Checklist


 Dates

 Attachment

 Cover

 Custom Fields

Add dropdowns, text fields, dates, and more to your cards.

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Power-Ups



Description

Edit

Both members have 2 different ideas, and they intend to work on them in parallel. The project proposal must have the following:

1. Executive summary
2. Business objectives
3. Background
4. Scope
5. Functional requirements
6. Personnel requirements
7. Delivery schedule
8. Other requirements
9. Assumptions
10. Limitations
11. Risks

✓ Checklist

100%

Hide checked items

Delete

✓ Executive summary @barbrat1

✓ Business objectives @barbrat1 @uniqueunicorn

✓ Background @barbrat1

✓ Scope @uniqueunicorn

✓ Functional requirements @uniqueunicorn

✓ Personnel requirements @barbrat1 @uniqueunicorn

✓ Delivery schedule @barbrat1 @uniqueunicorn

✓ Other requirements @barbrat1 @uniqueunicorn

✓ Assumptions @barbrat1 @uniqueunicorn

✓ Limitations @barbrat1 @uniqueunicorn

✓ Risks @barbrat1 @uniqueunicorn

Add an item

✓ Approvals

External Share

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+ Add Power-Ups

Automation ⓘ

+ Add button

Actions

→ Move

Copy

Make template

Watch

Setup Github.

in list [Done - 1](#)

Members



Labels



Due date



Nov 28, 2021 at 7:29 PM

complete



Description

Edit

1. Setup github repository for shared team folder.
2. Share repository with teammate and give full access.



Checklist

Hide checked items

Delete

100%



Setup github repository for shared team folder.



Share repository with teammate and give full access.

Add an item



Activity

Show details



Write a comment...



Add to card



Members



Labels



Checklist



Dates



Attachment



Cover



Custom Fields

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Approvals



External Share



GitHub



Google Drive



Slack

Wrangle Lottery_Mega_Millions_Winning_Numbers__Beginning_2002 data set.

in list [Done - 2](#)

Members



Labels

13



Due date



Dec 5, 2021 at 8:41 PM

complete

Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

Custom Fields

Add dropdowns, text fields, dates, and more to your cards.

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Description

Edit

1. From 'Draw Date', extract the month.
2. From 'Draw Date', extract the day.
3. From 'Draw Date', extract the year.
4. From 'Draw Date', extract the weekday.
5. From 'Draw Date', extract the quarter.
6. Separate the 'Winning Numbers' column, into 5 columns, with each containing one of the winning numbers in their corresponding order of being drawn.

Checklist

Hide checked items

Delete

100%

- ☒ From 'Draw Date', extract the month. @uniqueunicorn
- ☒ From 'Draw Date', extract the day. @uniqueunicorn
- ☒ From 'Draw Date', extract the year. @uniqueunicorn
- ☒ From 'Draw Date', extract the weekday. @uniqueunicorn
- ☒ From 'Draw Date', extract the quarter. @uniqueunicorn
- ☒ Separate the 'Winning Numbers' column, into 5 columns, with each containing one of the winning numbers in their corresponding order of being drawn. @uniqueunicorn

Power-Ups

Approvals

External Share

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+ Add Power-Ups

Load code to git hub repository.



in list [Done - 2](#) 


Members

Due date

BT

UU

+

☒ Dec 5, 2021 at 2:00 AM complete 

Add to card

 Members

 Labels


 Checklist

 Dates

Description

Add a more detailed description...

Search for additional data on lottery winnings.

in list [Done - 2](#) 

Members

BT

+

Labels

3

+

Due date

✓

Dec 5, 2021 at 2:00 PM

complete

▼



Description

Add a more detailed description...



Checklist

Hide checked items


Delete

100%



Search for additional data on lottery winnings. @barbrat1




Turn information from  [Mega Millions](#) into data frame:
@barbrat1 @uniqueunicorn

Add an item

Suggested



 Join

Add to card

 Members

 Labels

 Checklist

 Dates

 Attachment

 Cover

 Custom Fields

Add dropdowns, text fields,
dates, and more to your cards.

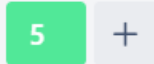
Explore Data.

in list [Done - 2](#)

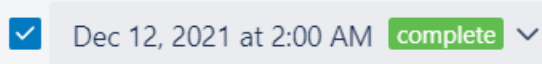
Members



Labels



Due date



Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

Custom Fields

Add dropdowns, text fields, dates, and more to your cards.

[Start free trial](#)

Description

Add a more detailed description...

Exploratory Data Analysis (EDA)

Hide checked items

Delete

100%

- ☒ 1. Summary statistics.
- ☒ 2. Tableau visualizations.
- ☒ 3. Python graphs.

Background data for gendered differences



in list [Done - 2](#)

Members

Labels

Due date

BT



1



Jan 2 at 2:00 AM


complete



Description

Edit

BBC -  [Why are most problem gamblers men?](#)

Recovery Village -  [Gambling Addiction Facts and Statistics | The Recovery Village](#)

Play it Safe Ohio -  [Gambling Statistics](#)

PBS -  [GAMBLING FACTS & STATS | Easy Money | FRONTLINE | PBS](#)



Activity

Show details

Suggested




 Join

Add to card

 Members

 Labels


 Checklist

 Dates

 Attachment

 Cover

Test necessary assumptions for required analyses.

in list [Done - 2](#) 

Members



Labels



Due date



Add to card

 Members

 Labels

 Checklist


 Dates

 Attachment

Description

Add a more detailed description...

Run specified analyses to answer corresponding questions.

in list [Done - 3](#) 

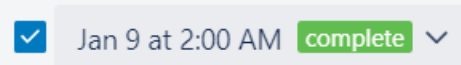
Members



Labels



Due date



Add to card

 Members

 Labels


 Checklist

 Dates

Description

Add a more detailed description...

Explain insights from statistical analyses.

in list [Done - 3](#) 

Members



Labels




Due date



Add to card


 Members

 Labels

 Checklist

 Description

Visualize data.

in list [Done - 3](#) 

Members



Labels



Due date



Add to card

 Members

 Labels


 Checklist

 Dates

 Description

Add a more detailed description...

Report data.

in list [Done - 3](#) 



Members

BT UU +

Labels

1 +


Due date

 today at 2:00 AM complete 

Add to card

 Members

 Labels

 Checklist

 Description