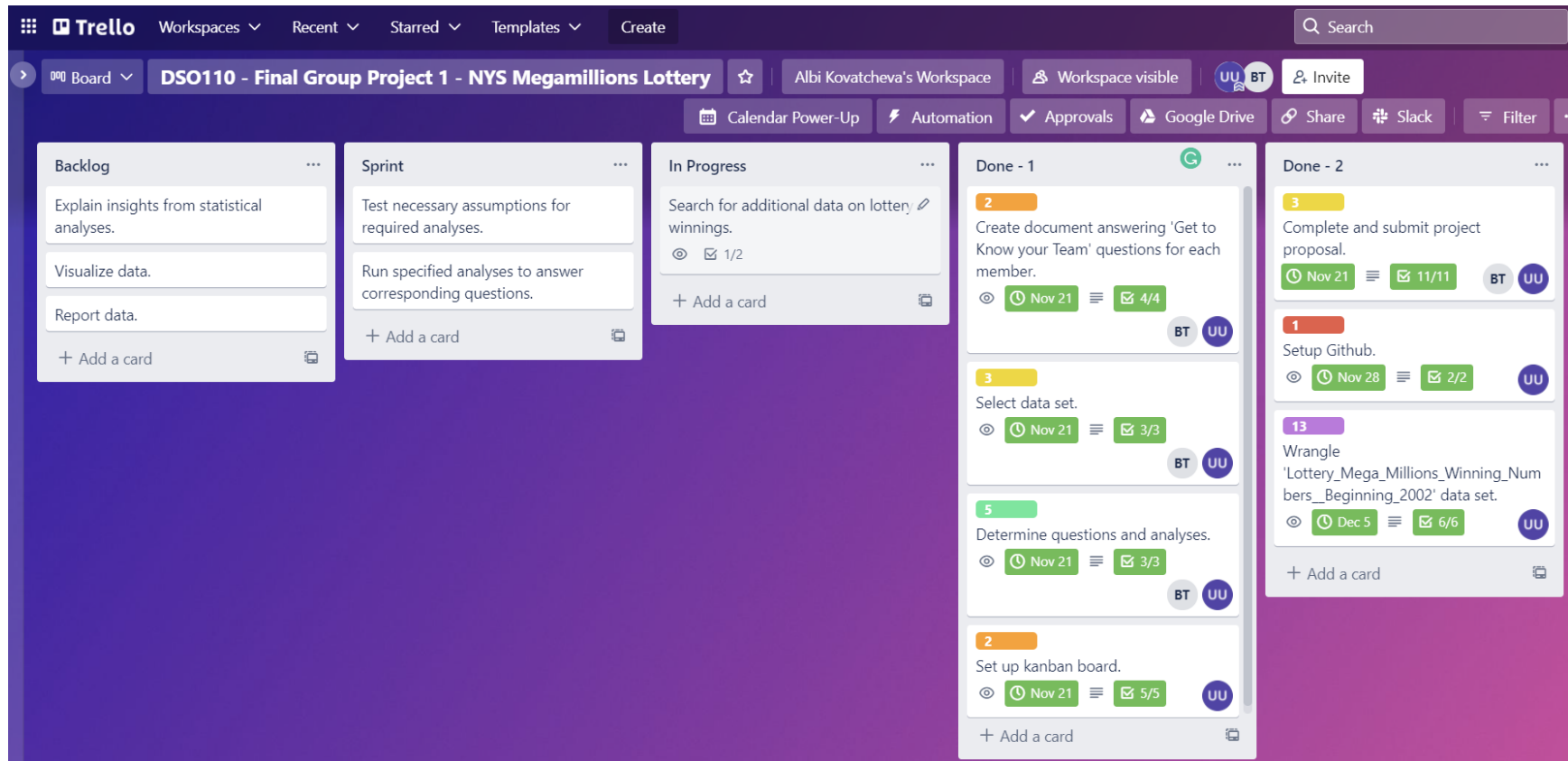


# DSO110 - Final Group Project 1 - NYS Megamillions Lottery

Week 2 Data Wrangling  
“Albi” Kovatcheva & Barbra Treston



# DSO110 - Final Group Project 1 - NYS Megamillions Lottery

Week 2 Data Wrangling  
“Albi” Kovatcheva & Barbra Treston

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 at 2:00 AM complete v

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...

Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

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

+ Add button

Actions

Move

2

# DSO110 - Final Group Project 1 - NYS Megamillions Lottery

Week 2 Data Wrangling  
“Albi” Kovatcheva & Barbra Treston

Select data set.  
in list [Done - 1](#)

Members

BT UU +

Labels

3 +

Due date

☒ Nov 21 at 2:00 AM complete

Description

Edit

After selecting topic(s), consider these non-exhaustive dataset selection criteria:  
1. Free access and use  
2. => 200 rows/cases.  
3. <= 500,000 rows/cases.  
200,000 or 250,000 is a good limit for the number of rows/cases.  
4. 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 @uniqueunicom  
☒ Research potential data sets of interest: @barbrat1 @uniqueunicom  
☒ Select data set(s): @barbrat1 @uniqueunicom

Add an item

Activity

Show details

UU Write a comment...

Add to card

Members

Labels

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Cover

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# Megamillions Lottery

Week 2 Data Wrangling  
 “Albi” Kovatcheva & Barbra Treston

Determine questions and analyses.

in list [Done - 1](#)

Members

BT

UU

+

Labels

5

+

Due date

✓

Nov 21 at 2:00 AM

complete

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Actions

→ Move

Copy

☰

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. @barbrat1 @uniqueunicorn

✓ Determine independent and dependent variables (IVs and DVs). @barbrat1 @uniqueunicorn

✓ Determine analyses we can run with given data. @barbrat1 @uniqueunicorn

Add an item

☰

Activity

Show details

UU

Write a comment...

# Megamillions Lottery

Week 2 Data Wrangling  
 “Albi” Kovatcheva & Barbra Treston

UU

+

2

+

✓

Nov 21 at 2:00 AM

complete

Nov 21 at 2:00 AM

complete

in list Done - 1

Set up kanban board.

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

UU

Write a comment...

Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

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# DSO110 - Final Group Project 1 - NYS Megamillions Lottery

Week 2 Data Wrangling  
“Albi” Kovatcheva & Barbra Treston

## Complete and submit project proposal.

in list [Done - 2](#)

Members

Labels

Due date

BT UU +

3 +

☒ Nov 21 at 2:00 AM complete v

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

Hide checked items

Delete

100%

☒ 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 to card

Members

Labels

Checklist

Dates

Attachment

Cover

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Copy

Make template

Watch

# DSO110 - Final Group Project 1 - NYS Megamillions Lottery

Week 2 Data Wrangling  
“Albi” Kovatcheva & Barbra Treston

Setup Github.

in list [Done - 2](#)

Members

UU +

Labels

1 +

Due date

Nov 28 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

UU Write a comment...

Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

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Actions

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# DSO110 - Final Group Project 1 - NYS Megamillions Lottery

Week 2 Data Wrangling  
“Albi” Kovatcheva & Barbra Treston

Wrangle 'Lottery\_Mega\_Millions\_Winning\_Numbers\_\_Beginning\_2002' data set.

in list [Done - 2](#)

Labels

13 +

Due date

☐ Dec 5 at 8:41 PM ▾

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

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.

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Automation

+ Add button

Activity

Show details



# DSO110 - Final Group Project 1 - NYS Megamillions Lottery

Week 2 Data Wrangling  
“Albi” Kovatcheva & Barbra Treston

Wrangle 'Lottery\_Mega\_Millions\_Winning\_Numbers\_\_Beginning\_2002'  
data set.

in list Done - 2

Members

Labels

Due date

UU

+

13

+

✓

Dec 5 at 8:41 PM

complete

Add to card

Members

Labels

in list Done - 2

Members

Labels

Due date

UU

+

13

+

✓

Dec 5 at 8:41 PM

complete

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

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

Start free trial

Power-Ups

✓ Approvals

GitHub

Google Drive

Slack

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Automation

+ Add button

9