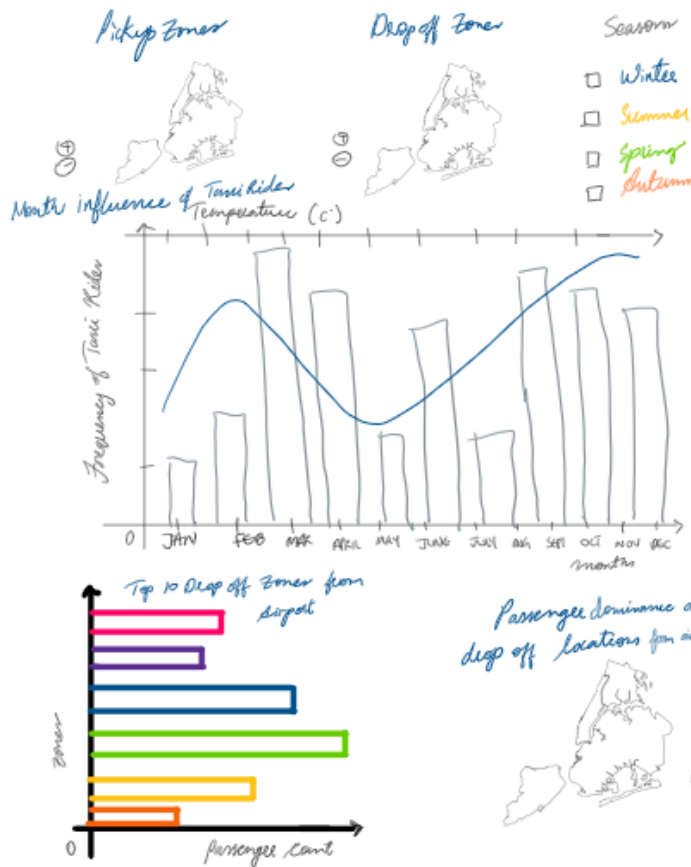


LAYOUT:

TITLE



TITLE: FISH47 DNP PROJECT

AUTHOR: KRISHNA PASURULETI

DATE: 02/05/24

SHEET: 02

OPERATIONS:

① Zoom in and zoom out on the map.

② Check box on season

③ Tool tip of dual axis graph for temperature, pickup count, drop off count, month.

④ Tool tip to show zones & passenger count

⑤ Tool tip on top 10 drop off zones to get passenger count, roughly zone.

⑥ Zoom in and zoom out on the map.

FOCUS:

1. ⊕ Zoom in
⊖ Zoom out

2. ☐ Spring ☐ Autumn
☐ Summer ☐ Winter

3. ↗

Temp:
Passenger:
Zone:

4. ↖

Zone:
Distance:

5. ↘

Passenger:
Distance:
Time:

6. ⊕ Zoom in ⊖ Zoom out

DISCUSSIONS:

Positive

1. It has spatial visualisations

Negative

1. Minimal interactivity.

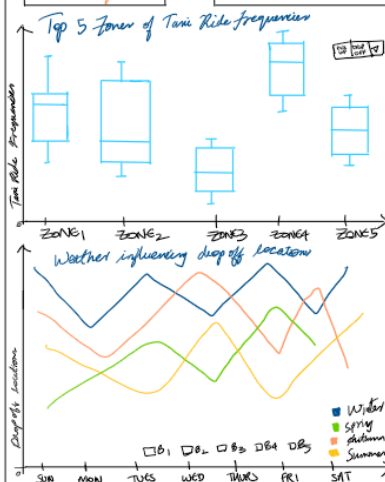
2. Sheet looks cluttered and map dominant.

LAYOUT:

123
Total Trips

Title

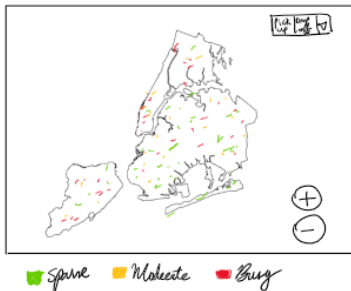
123
Average Duration



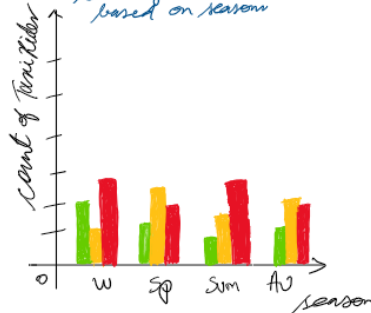
Heatmap of Borough & drop off counts at airport.



Count of Taxi Ride frequency



Count of Taxi Ride frequency based on season



TITLE: FITSIA7 DVP PROJECT

AUTHOR: KRISHNA PASURULETI

DATE: 07/05/24

SHEET: 4

OPERATIONS:

- 1 Tool tip on boxplots to show quantile values of trip frequencies for each zone.
- 2 Drop down to choose pick up & drop off frequencies for each zone.
- 3 Tool tip on heatmap showing the count of Taxi Freq for each borough.
- 4 Check boxes for each borough in line graph.
- 5 Tool tip to get names of the location & count of taxi frequencies on the map.
- 6 Drop down menu for pickup & drop off frequency.
- 7 Zoom in & zoom out on the map.

Focus:

1 B1: 55, M: 36, B: 21

5 zone: 1, count: 1

2 pickup

6 drop off

3 drop off: 123

7 zoom in the map

4 B1 B2 B3 B4 B5

zoom out the map

DESCRIPTION:

Positive

Has multiple interactive elements.

Negative

The visualisations are cluttered without having any space for explanation.

LAYOUT:

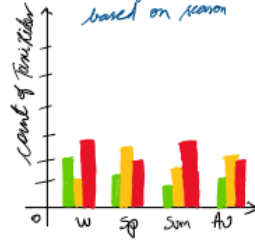
TITLE

Count of Taxi Rider Frequencies



Zone
Malacca
Bong

Count of Taxi Rider Frequencies based on season



Description:

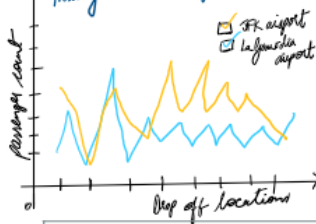
TOTAL
NUMBER
OF
TRIPS

TOP
DESTINATION
LOCATION

AVERAGE
PASSENGER
COUNT

SEASON WITH
MAXIMUM
FREQUENCY

Passenger count vs Drop off Location



Temperature influence on Passenger Pickup Percentage at the airport.



Temperature
 T_1 T_2

Description:

TITLE : FITS47 DVP PROJECT

AUTHOR: KRISHNA PASUPLETI

DATE : 06/05/24

SHEET : 03

OPERATIONS:

- 1) Tool tip on the map to show zone and count of taxi rider frequencies.
- 2) Zoom in and zoom out button on the map.
- 3) Map and Combined bar graph are interactive.
- 4) Tool tip on passenger count line graph gives information about passenger count, zone, airport name.
- 5) Check box for airports in line graph.
- 6) Tool tip on donut chart gives information of temperature, passenger count percentage, airport.
- 7) Slider for temperatures on the donut chart.

FOCUS:

1. Zone:
RIDE:
COUNT

2. ZOOM IN
 ZOOM OUT

3. Interactive map

4. Passenger count:
Zone:
AIRPORT

5. ☐ JFK AIRPORT
☐ LA AIRPORT

6. Temperature:
Zone:
AIRPORT

7. Temperature in
 T_1 T_2 (C)

DISCUSSIONS:

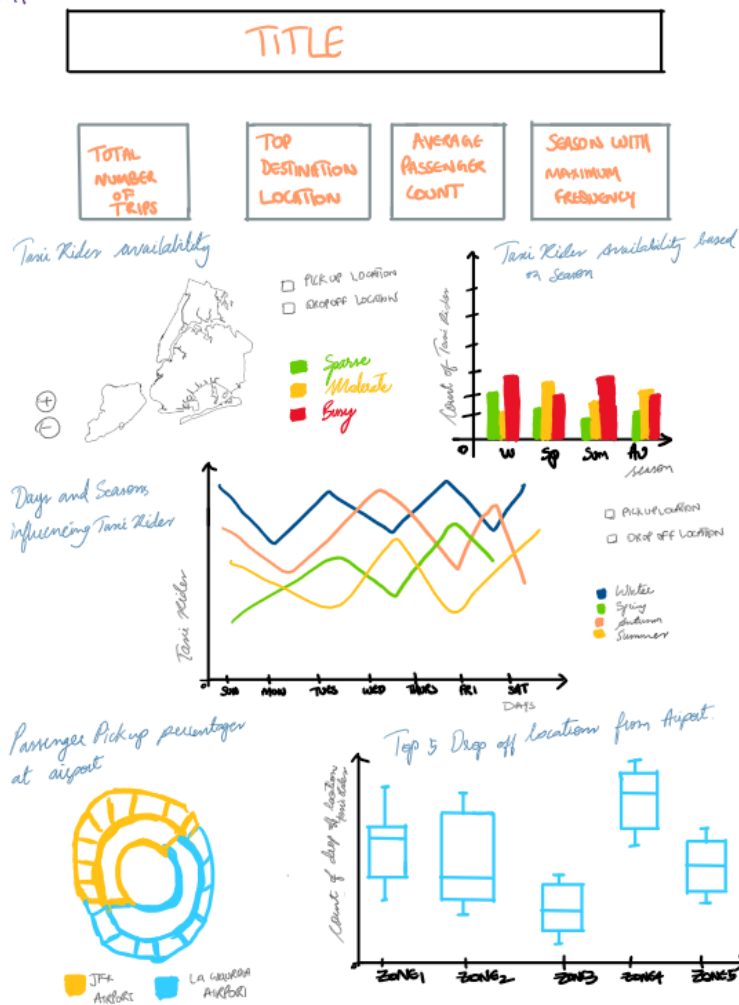
Positive

1. Sheet has different interactive filters.
2. Spatial dataset is used to show taxi rider frequencies.

Negative

1. No paper layout to the sheet.
2. Did not include snow, precipitation variables.

LAYOUT:



TITLE: FITSIA7 DVP PROJECT

AUTHOR: KRISHNA PASUPULETI

DATE: 01/05/24

SHEET: 05

OPERATIONS:

1. Check box on pickup & drop off locations on the map.
2. Zoom in and zoom out button on the map.
3. Tool tip on map to show pickup and drop off location side cant, taxi availability.
4. Check box on pick and drop off locations.
5. Tool tip to show passenger pickup cant percentages.
6. Tool tip to show quantile of the drop off location taxi rider of different zones.

Focus:

1. ☐ Pickup Locations
☐ Drop off Location
2. ZOOM IN
 ZOOM OUT
3. PICKUP:
4. ☐ Pickup Location
☐ Drop off Location
5. PASSENGER COUNT:
6. DROP OFF LOCATION:

DISCUSSIONS:

Positive

1. It's interactive.
2. Has different visualisations.

Negative

1. Should have used other variables like temperature, snow, precipitation.