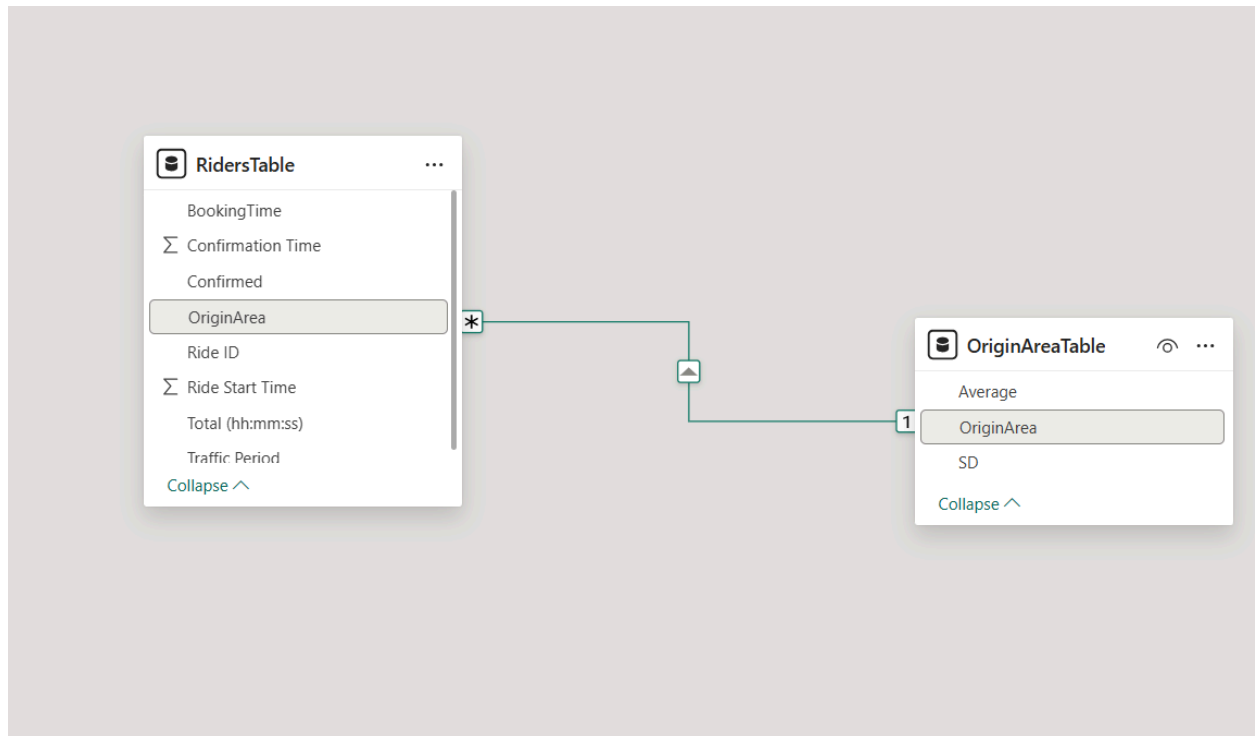# Task 1

Share the screenshot of the model as requested in the document.
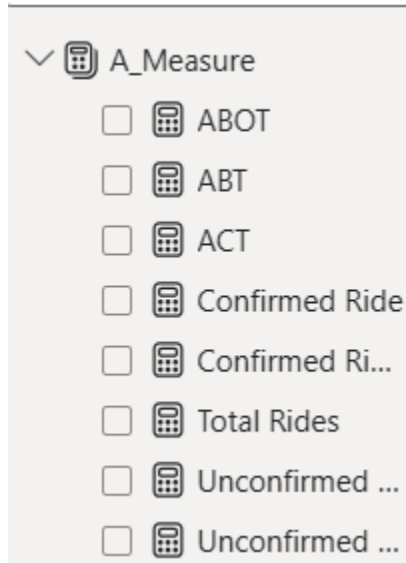
Answer screenshot

Task 2

Share the screenshot of the dashboard as requested in the document.

Answer Screenshot

∨ 🔢 A_Measure

☐ 🔢 ABOT

☐ 🔢 ABT

☐ 🔢 ACT

☐ 🔢 Confirmed Ride

☐ 🔢 Confirmed Ri...

☐ 🔢 Total Rides

☐ 🔢 Unconfirmed ...

☐ 🔢 Unconfirmed ...

ABOT = AVERAGE(CabRidersTable[Confirmation Time])

ABT = CALCULATE(AVERAGE(CabRidersTable[Confirmation Time]),CabRidersTable[Confirmed]="Yes")

ACT = CALCULATE(AVERAGE(CabRidersTable[Confirmation Time]),CabRidersTable[Confirmed]="No")

Confirmed Ride = CALCULATE(COUNTROWS(CabRidersTable),CabRidersTable[Confirmed]="Yes")

Confirmed Ride % = DIVIDE([Confirmed Ride], [Total Rides])
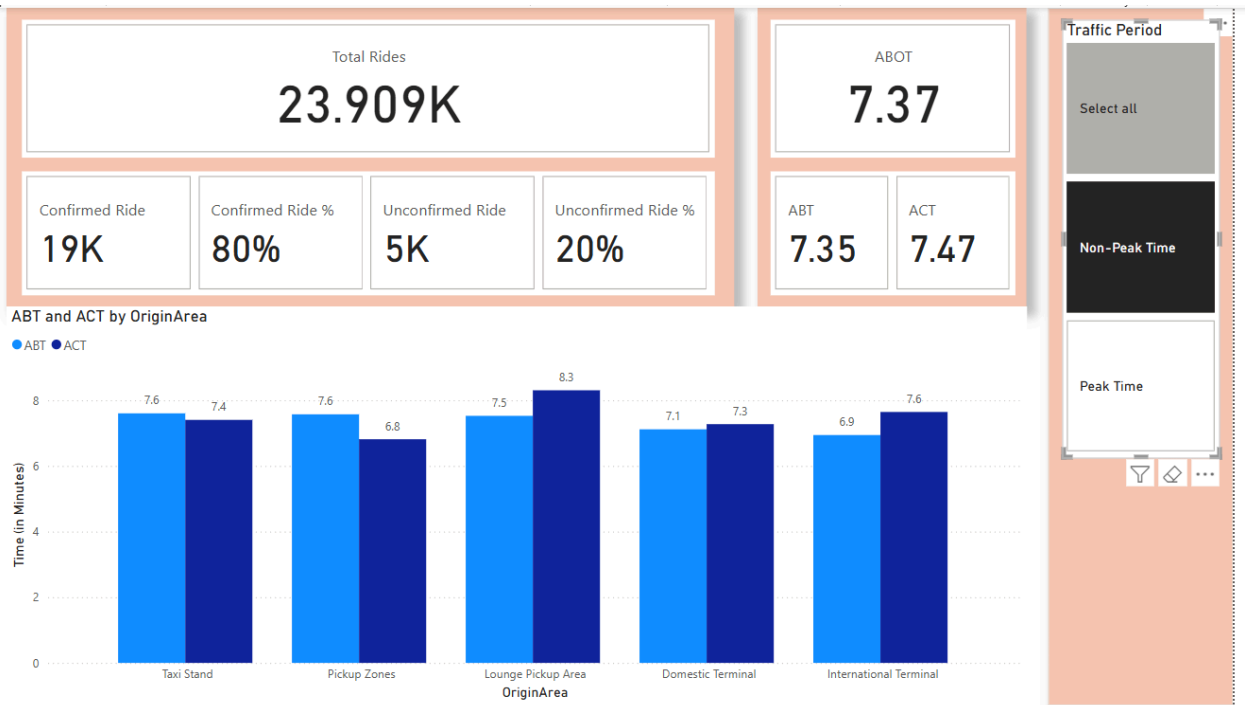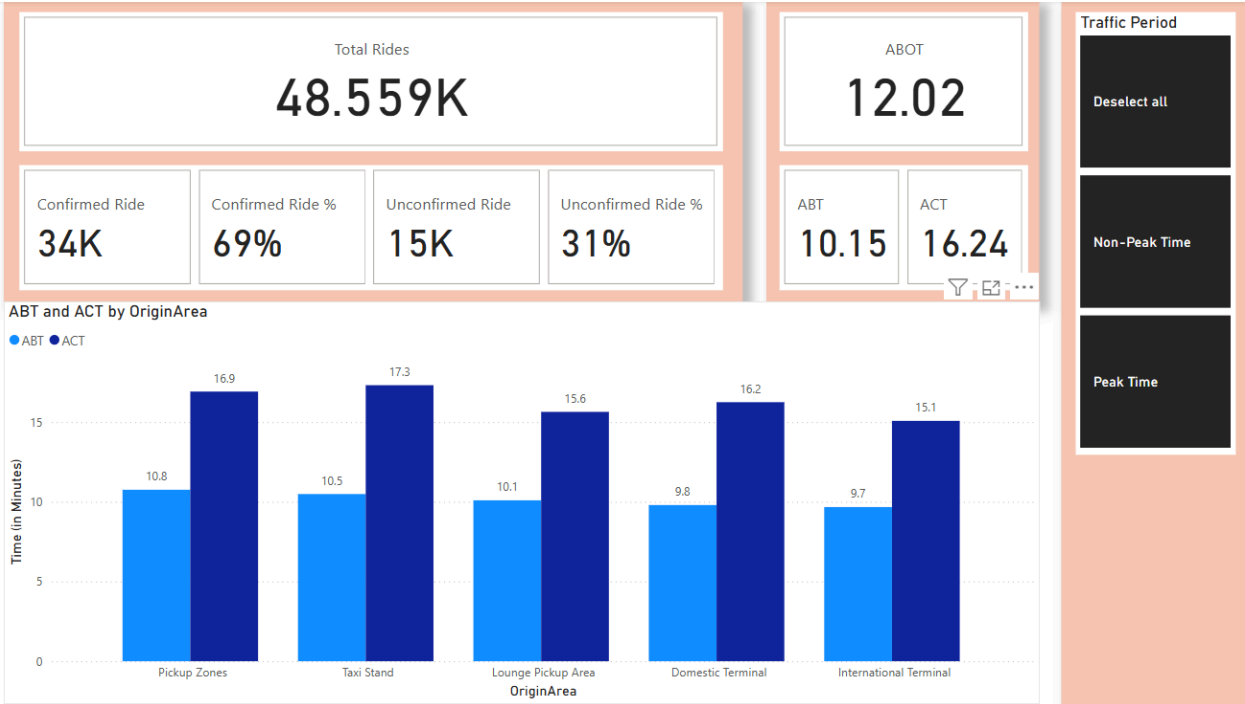
Total Rides = DISTINCTCOUNT(CabRidersTable[Ride ID])

Unconfirmed Ride = CALCULATE(COUNTROWS(CabRidersTable),CabRidersTable[Confirmed]="No")

Unconfirmed Ride % = DIVIDE([Unconfirmed Ride], [Total Rides])

Dashboard 1

Total Rides

48.559K

Confirmed Ride	Confirmed Ride %	Unconfirmed Ride	Unconfirmed Ride %
34K	69%	15K	31%

ABOT

12.02

ABT	ACT
10.15	16.24

ABT and ACT by OriginArea

● ABT ● ACT

OriginArea	ABT	ACT
Pickup Zones	10.8	16.9
Taxi Stand	10.5	17.3
Lounge Pickup Area	10.1	15.6
Domestic Terminal	9.8	16.2
International Terminal	9.7	15.1

Time (in Minutes)

Traffic Period

- Deselect all
- Non-Peak Time
- Peak Time

Dashboard 2

Total Rides

23.909K

Confirmed Ride	Confirmed Ride %	Unconfirmed Ride	Unconfirmed Ride %
19K	80%	5K	20%

ABOT

7.37

ABT	ACT
7.35	7.47

ABT and ACT by OriginArea

● ABT ● ACT

OriginArea	ABT	ACT
Taxi Stand	7.6	7.4
Pickup Zones	7.6	6.8
Lounge Pickup Area	7.5	8.3
Domestic Terminal	7.1	7.3
International Terminal	6.9	7.6

Time (in Minutes)

Traffic Period

- Select all
- Non-Peak Time
- Peak Time

Total Rides
24.650K

Confirmed Ride	Confirmed Ride %	Unconfirmed Ride	Unconfirmed Ride %
15K	**59%**	**10K**	**41%**

ABOT
16.52

ABT	ACT
13.80	**20.50**

ABT and ACT by OriginArea

● ABT ● ACT

	Pickup Zones	Taxi Stand	Lounge Pickup Area	Domestic Terminal	International Terminal
ABT	14.9	14.3	13.5	13.2	13.2
ACT	22.0	22.0	19.1	20.5	18.8

OriginArea — Time (in Minutes)

Traffic Period

Select all
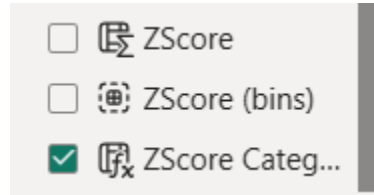
Non-Peak Time

Peak Time

Task 3

Share the screenshot of the dashboard as requested in the document.

Answer Screenshot

☐ ▣ ZScore

☐ ▣ ZScore (bins)

☑ ▣ ZScore Categ...

ZScore = (CabRidersTable[Confirmation Time] - RELATED(AeroCab_OriginAreaTable[Average]))/RELATED(AeroCab_OriginAreaTable[SD])

ZScore Category = if(CabRidersTable[ZScore]>2,"Outlier","Normal")

Top Dashboard

Total Rides

48.559K

Confirmed Ride	Confirmed Ride %	Unconfirmed Ride	Unconfirmed Ride %
34K	69%	15K	31%

ZScore Category

- Deselect all
- Normal
- Outlier

Count of Ride ID by ZScore (bins)

Bottom Dashboard

Total Rides

47.011K

Confirmed Ride	Confirmed Ride %	Unconfirmed Ride	Unconfirmed Ride %
33K	71%	14K	29%

ZScore Category

- Select all
- Normal
- Outlier

Count of Ride ID by ZScore (bins)

Total Rides
1.548K

Confirmed Ride	Confirmed Ride %	Unconfirmed Ride	Unconfirmed Ride %
187	12%	1K	88%

ZScore Category

Select all

Normal

Outlier

Count of Ride ID by ZScore (bins)

Task 4

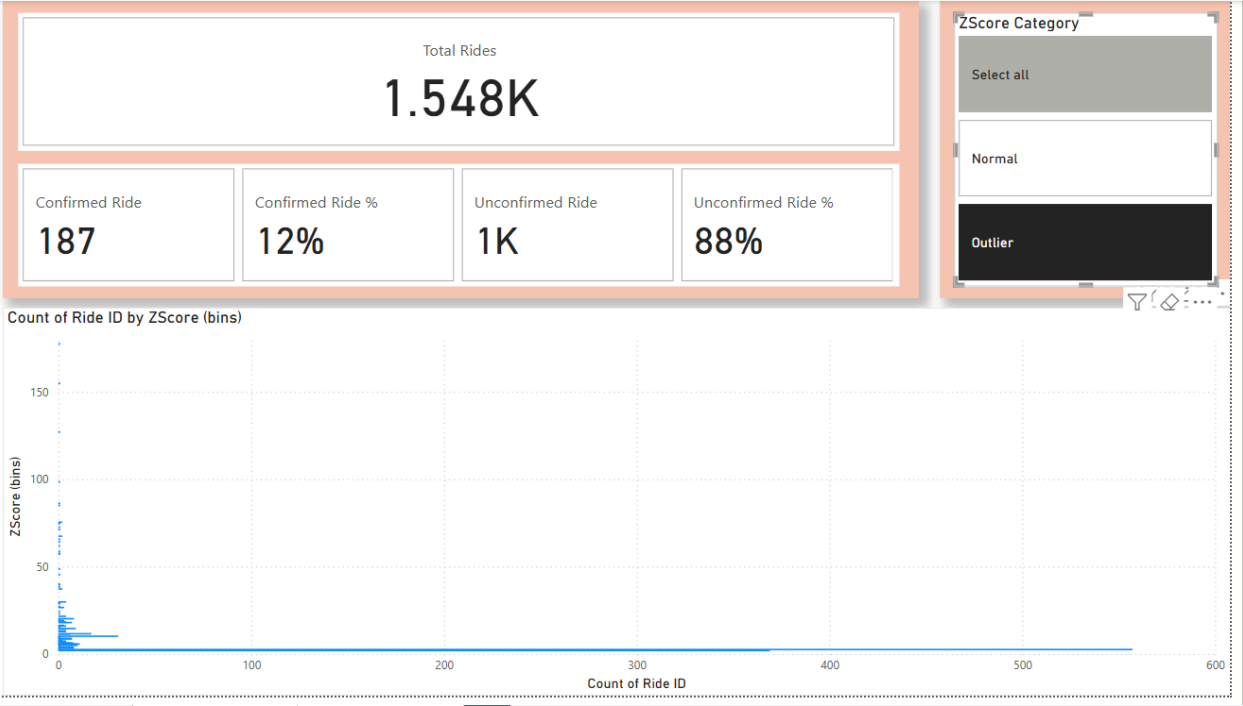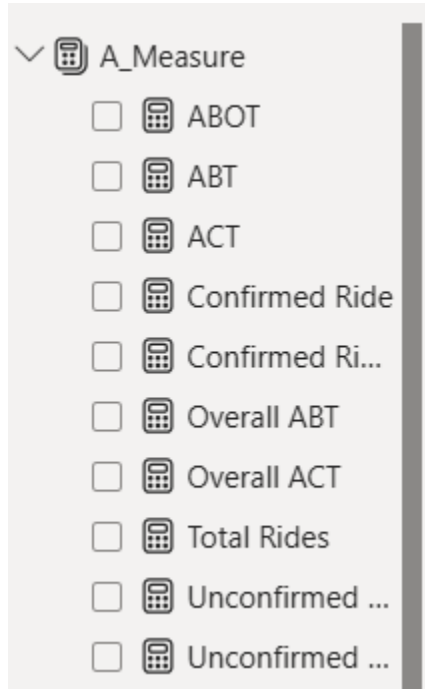Share the screenshot of the dashboard as requested in the document.

Answer Screenshot

∨ 🖩 A_Measure
- ☐ 🖩 ABOT
- ☐ 🖩 ABT
- ☐ 🖩 ACT
- ☐ 🖩 Confirmed Ride
- ☐ 🖩 Confirmed Ri...
- ☐ 🖩 Overall ABT
- ☐ 🖩 Overall ACT
- ☐ 🖩 Total Rides
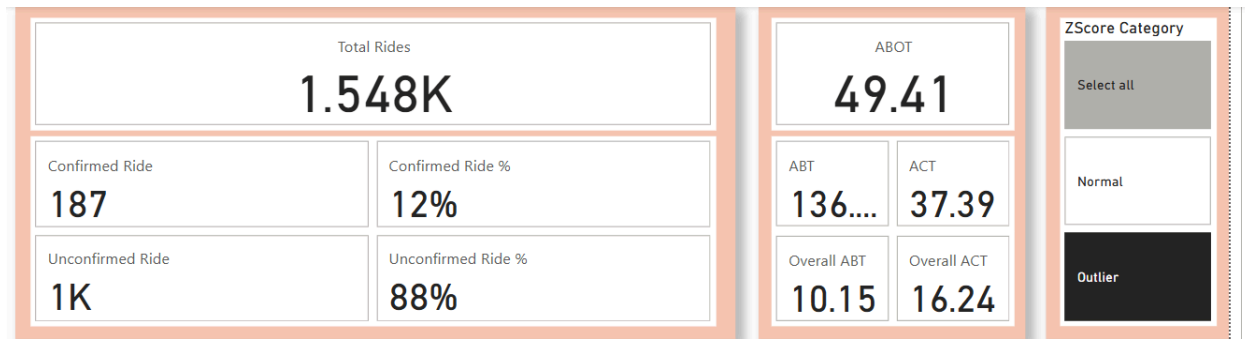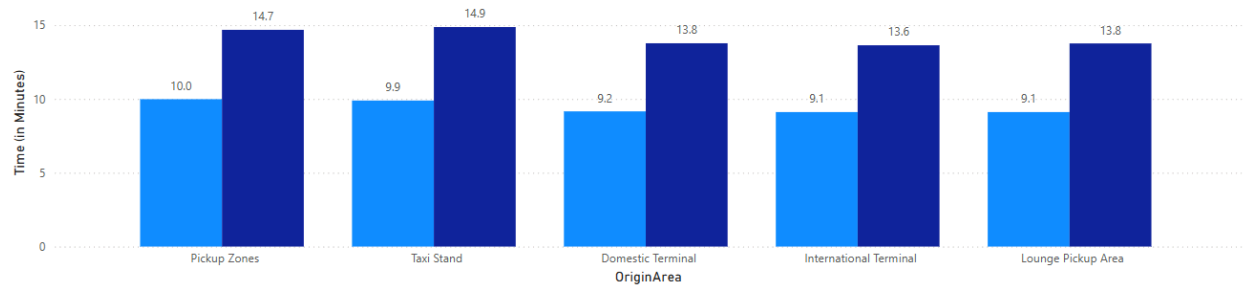- ☐ 🖩 Unconfirmed ...
- ☐ 🖩 Unconfirmed ...

```
1 Overall ABT = CALCULATE(AVERAGE(CabRidersTable[Confirmation Time]),ALL(CabRidersTable[ZScore Category]),CabRidersTable[Confirmed]="Yes")
```

```
1 Overall ACT = CALCULATE(AVERAGE(CabRidersTable[Confirmation Time]),ALL(CabRidersTable[ZScore Category]),CabRidersTable[Confirmed]="No")
```
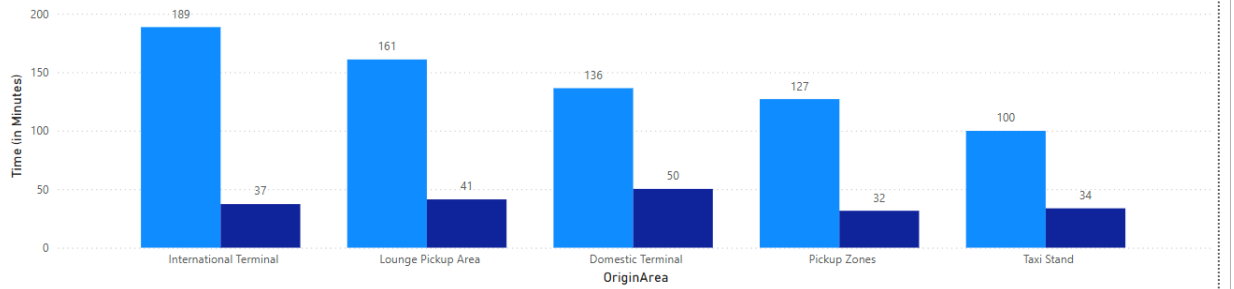
Dashboard 1

Total Rides
47.011K

Confirmed Ride	Confirmed Ride %
33K	71%

Unconfirmed Ride	Unconfirmed Ride %
14K	29%

ABOT
10.78

ABT	ACT
9.44	14.12

Overall ABT	Overall ACT
10.15	16.24

ZScore Category

- Select all
- Normal
- Outlier

ABT and ACT by OriginArea

● ABT ● ACT

OriginArea	ABT	ACT
Pickup Zones	10.0	14.7
Taxi Stand	9.9	14.9
Domestic Terminal	9.2	13.8
International Terminal	9.1	13.6
Lounge Pickup Area	9.1	13.8

Dashboard 2

Total Rides
1.548K

Confirmed Ride	Confirmed Ride %
187	12%

Unconfirmed Ride	Unconfirmed Ride %
1K	88%

ABOT
49.41

ABT	ACT
136....	37.39

Overall ABT	Overall ACT
10.15	16.24

ZScore Category

- Select all
- Normal
- Outlier

ABT and ACT by OriginArea

● ABT ● ACT

OriginArea	ABT	ACT
International Terminal	189	37
Lounge Pickup Area	161	41
Domestic Terminal	136	50
Pickup Zones	127	32
Taxi Stand	100	34

Total Rides	
48.559K	

Confirmed Ride	Confirmed Ride %
34K	69%

Unconfirmed Ride	Unconfirmed Ride %
15K	31%

ABOT	
12.02	

ABT	ACT
10.15	16.24

Overall ABT	Overall ACT
10.15	16.24

ZScore Category

Deselect all

Normal

Outlier

ABT and ACT by OriginArea

● ABT ● ACT

OriginArea	ABT	ACT
Pickup Zones	10.8	16.9
Taxi Stand	10.5	17.3
Lounge Pickup Area	10.1	15.6
Domestic Terminal	9.8	16.2
International Terminal	9.7	15.1

Time (in Minutes)