HOME

INFO

Shows some aviation abbreviations used in project and some important points related to dataset.

ARRIVAL OTP

This Power BI dashboard for arrival flights provides an at-a-glance view of critical data insights for decision-making, monitoring, and operational efficiency. It visualizes key metrics and trends related to flights, passengers, and performance.

DEPARTURE OTP

This Power BI dashboard for departure flights provides an at-a-glance view of critical data insights for decision-making, monitoring, and operational efficiency. It visualizes key metrics and trends related to flights, passengers, and performance.

INFO

DATASET:-

- Dataset used is a dummy dataset of Ratnagiri Airport.

- Dataset is used of flight operations happened in April 2023.

- In arrival sheet the dataset is of flights that landed from 01/04/2023 to 30/04/2023.

- In departure sheet the dataset is of flights that landed from 01/04/2023 to 30/04/2023.

ABBREVIATIONS:-

D/I

D-DOMESTIC SECTOR
I-INTERNATIONAL SECTOR

TOP OPERATING SECTORS

DEL-DELHI	DXB -DUBAI
BLR-BANGLORE	AUH -ABU DHABI
GOI- GOA	MCT -MUSCUT
AMD-AHEMADABAD	SIN -SINGAPORE
MAA-CHENNAI	KWI -KUWAIT
HYD-HYDERABAD	LHR -LONON
CCU-KOLKATA	DOH -DOHA
NAG-NAGPUR	JED -JEDDHA
COK-COCHIN	ADD -ADDIS ABIBA
IXC-CHANDIGARH	BAH -BEHRIN
JAI-JAIPUR	BKK -BANKOJK
	IST -ISTANBUL
	RUH -RHIYADH
	SHJ -SHARJAH

QUALIFIERS

S- SCHEDULE FLIGHTS
N-NON SCHEDULE FLIGHTS
M-MILITERY FLIGHT
F-FREIGTER (CARGO) FLIGHT
FN-FREIGHTER (CARGO) NON SCHEDULE FLIGHTS

ON TIME PERFORMANCE VISUALIZATION OF ARRIVAL FLIGHTS

115	20.87%	10.43%	68.70%
TOTAL MOVEMENTS	DELAYED FLIGHTS %	ONTIME FLIGHTS %	EARLY FLIGHTS %

Airline Name
All

QUALIFIER
All

D/I
D | I

DATE

1	4	7	10	13	16
2	5	8	11	14	17
3	6	9	12	15	18

TOTAL ARRIVAL OTP
79.13%

I

79.13%

BUSIEST HOURS IN A DAY

Count of ATA
10
5
0

3   2
ATA HOUR

TOP 10 ARRIVAL SECTORS

● Count of ORIGIN ✕ Count of ORIGIN

Count of ORIGIN
20
10
0

DXB AUH MCT SIN KWI LHR DOH JED ADD BAH BKK IST RUH SHJ
ORIGIN

FLIGHT STATUS

● EARLY ARRIVAL ● DELAYED A... ● ONTIME ...

12
24
79
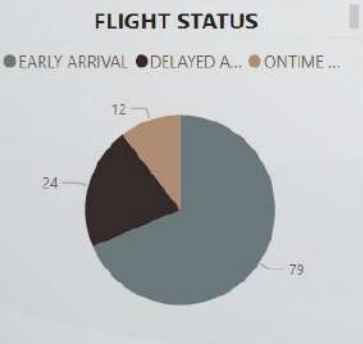
ARR MOVEMENTS BY AIRLINE

Airline Name	Count of AIRLINE CODE
Air Canada	18
Avianca	15
Aeromexico	10
Emirates	5
Singapore Airlines	4
Air DO	2

TOTAL ARRIVAL MOVEMENTS PER HOUR

Count of ATA HOUR
10
5
0

0   5   10   15   20
HOUR
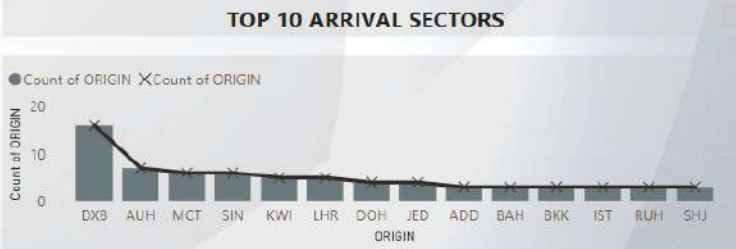
ON TIME PERFORMANCE VISUALIZATION OF ARRIVAL FLIGHTS

449	15.81%	34.97%	49.22%
TOTAL MOVEMENTS	DELAYED FLIGHTS %	ONTIME FLIGHTS %	EARLY FLIGHTS %

TOTAL DEPARTURE OTP

84.19%

D	I
87.05%	75.86%

Airline Name
All

QUALIFIER
All

D/I

D H >

Day

1	4	7	10	13	16
2	5	8	11	14	17
3	6	9	12	15	18

BUSIEST HOURS IN A DAY

Count of ATD

20

0

6   16

ATD HOUR

TOP 10 DEPARTURE SECTORS

● Count of TO ✕ Count of TO

Count of TO

50

0

DEL BLR GOI DXB MAA AMD CCU HYD COK JAI

TO

FLIGHT STATUS

● EARLY DEPA... ● ONTIME DE... ● DELAYED ...

71
221
157
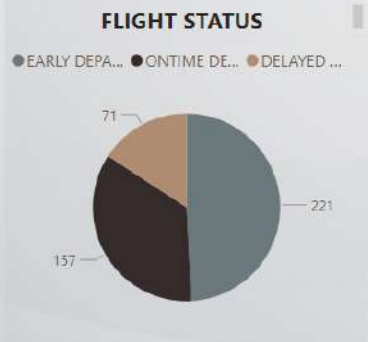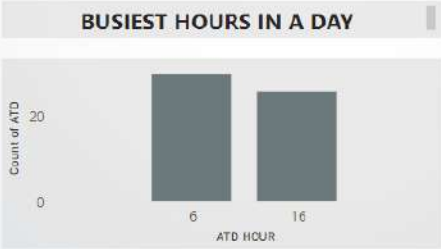
DEP MOVEMENTS BY AIRLINE

Airline Name	Count of AIRLINE CODES
Air Canada	151
Avianca	66
Aeromexico	60
Air DO	21
Emirates	5
Singapore Airlines	3

TOTAL DEPARTURE MOVEMENTS PER HOUR

Count of ATD HOUR

20

0

0   5   10   15   20

HOUR