DATA VISUALISATION CHART
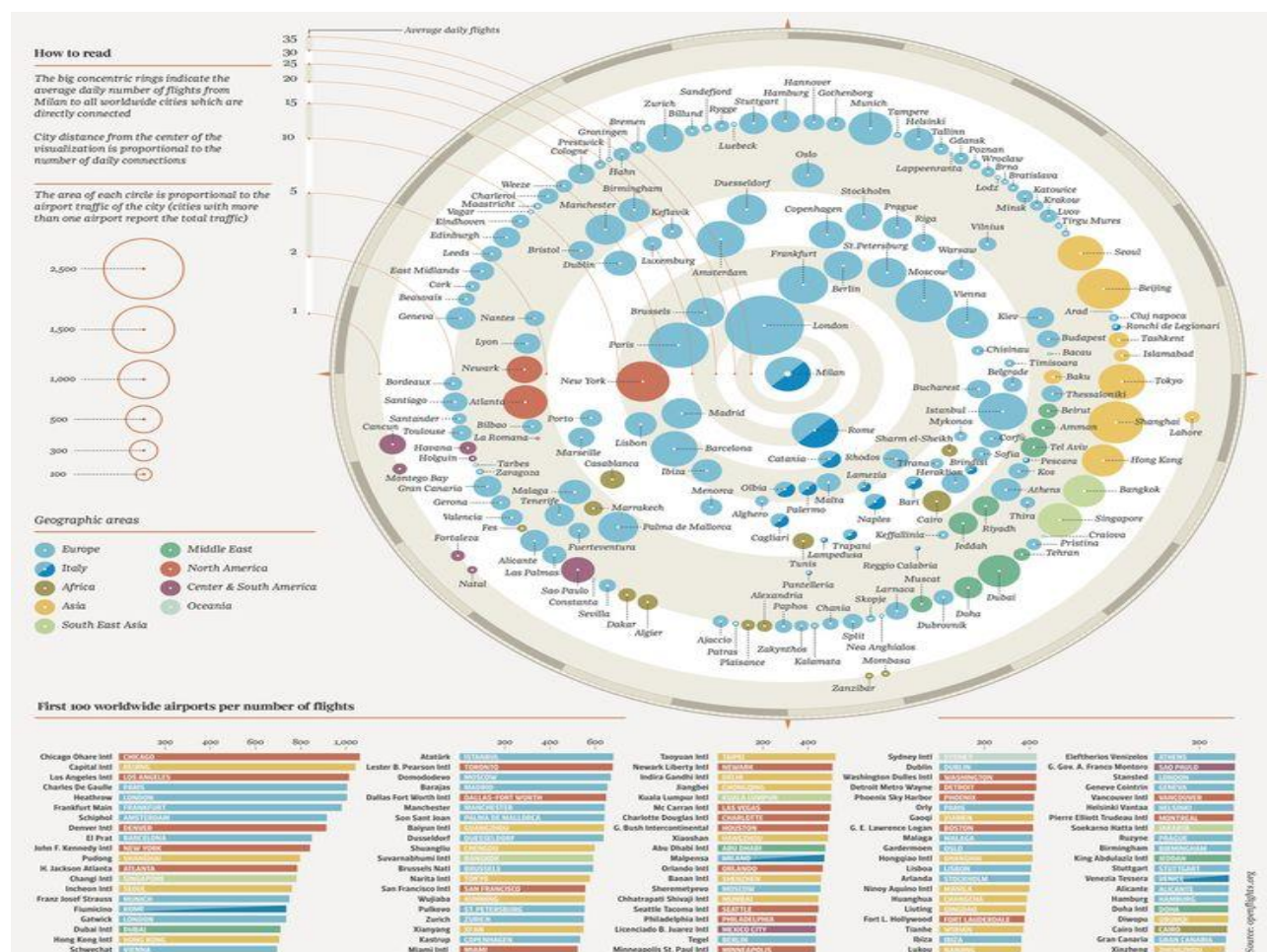
Date	19 September 2022
Team ID	PNT2022TMID09956
Project Name	Project – AIRLINES DATA ANALYTICS FOR AVAITION INDUSTRY
Maximum Marks	2 Marks

A lot of extensive analysis has been carried out to gain insights from the data ingested in BigQuery while visualization has been carried in Google Data Studio.

Analysis carried out with Google Data Studio

- Overall flight count from Top 5 Airlines at Top 5 Airports

<iframe width="600" height="450" src="https://datastudio.google.com/embed/reporting/a7316f10-091c-41ac-864d-e7538d91aaec/page/2svOB" frameborder="0" style="border:0" allowfullscreen></iframe>

- Cancellations Pie Chart

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- Overall Cancellations in Top 5 Airports

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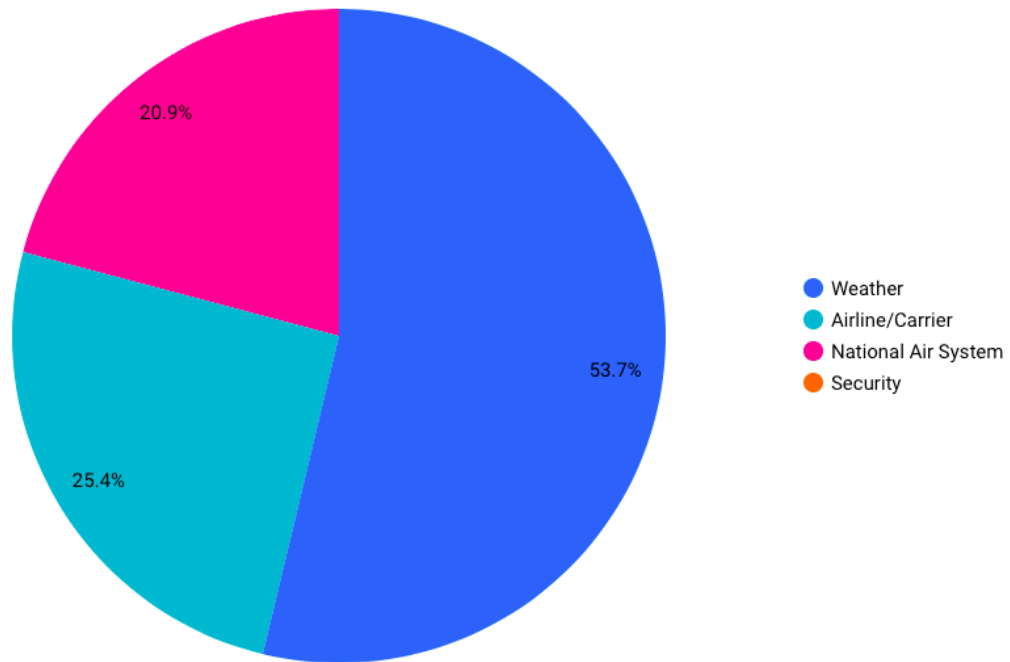
- Overall Delay in Top 5 Airports

<iframe width="600" height="450" src="https://datastudio.google.com/embed/reporting/399ff77f-2440-478a-a336-4d627c3f5585/page/izvOB" frameborder="0" style="border:0" allowfullscreen></iframe> ---
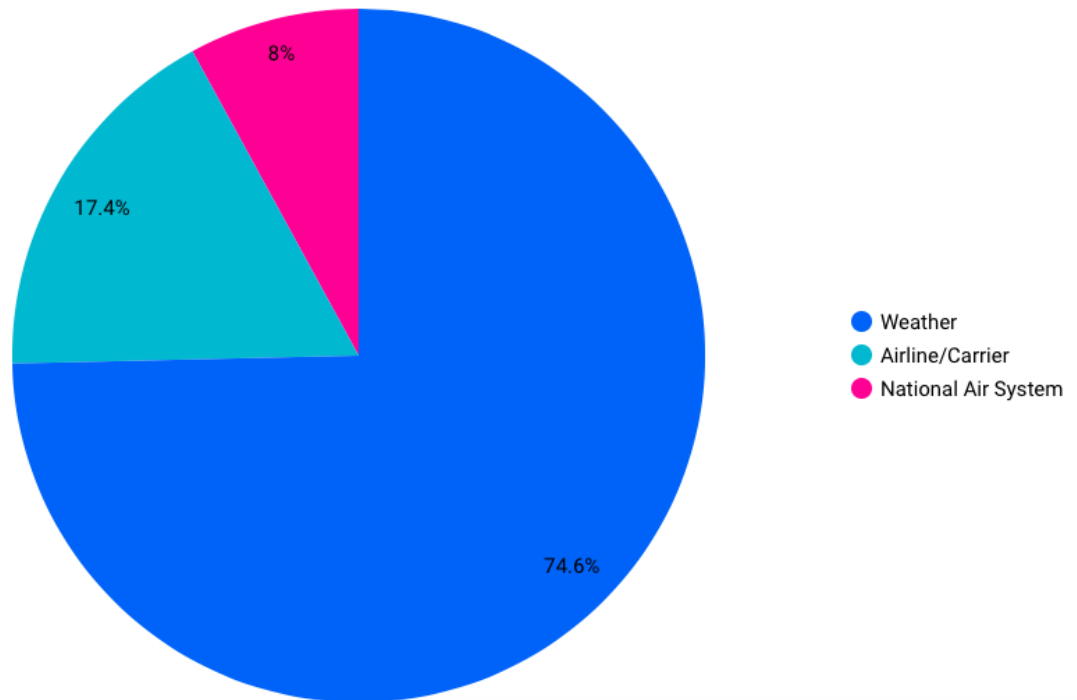
- Overall Cancellation/Delays Yearwise

<iframe width="600" height="450" src="https://datastudio.google.com/embed/reporting/d4be53fe-6928-4e6c-89d0-e23aac599be8/page/45vOB" frameborder="0" style="border:0" allowfullscreen></iframe> --- - Overall Yearwise Cancellations <iframe width="600" height="450" src="https://datastudio.google.com/embed/reporting/7b267dde-41fc-4e1c-b292-9b5da5ea7b0d/page/U7vOB" frameborder="0" style="border:0" allowfullscreen></iframe> ---
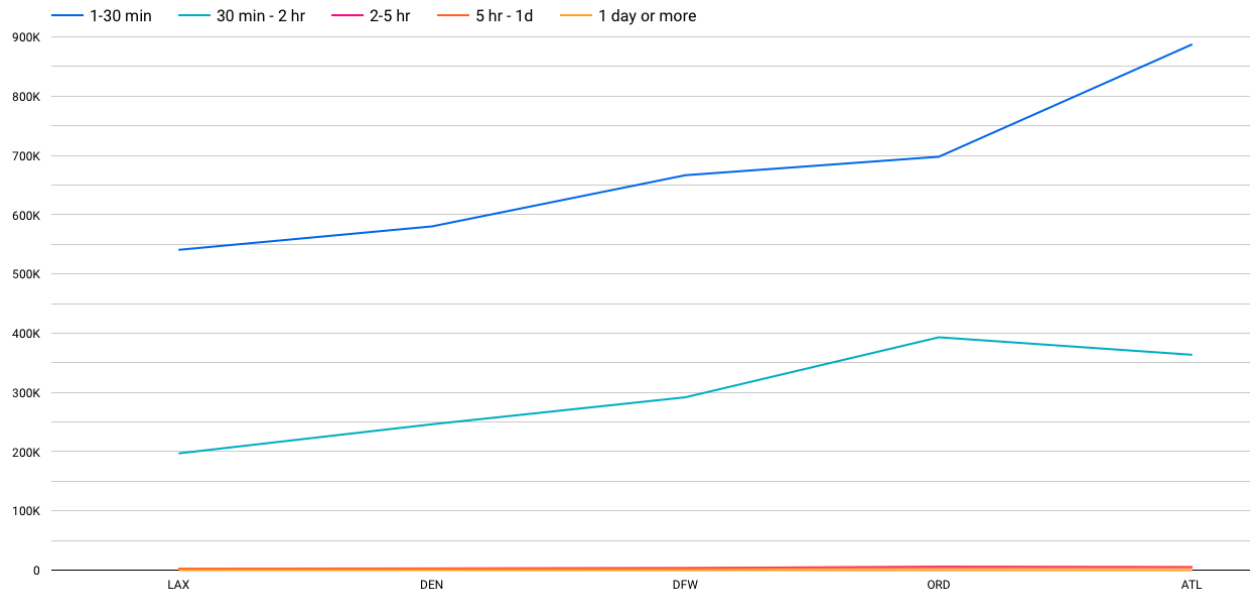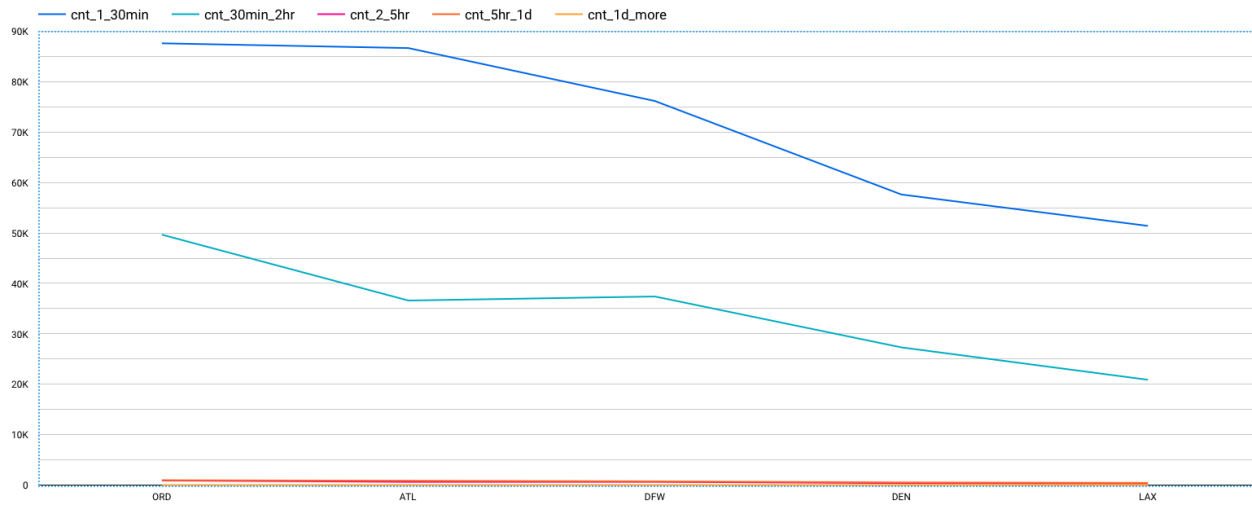
- Overall Cancellation

Weather — 53.7%
Airline/Carrier — 25.4%
National Air System — 20.9%
Security

- Overall Cancellation Reasons (Busiest Airport –
  Atlanta)

Weather — 74.6%
Airline/Carrier — 17.4%
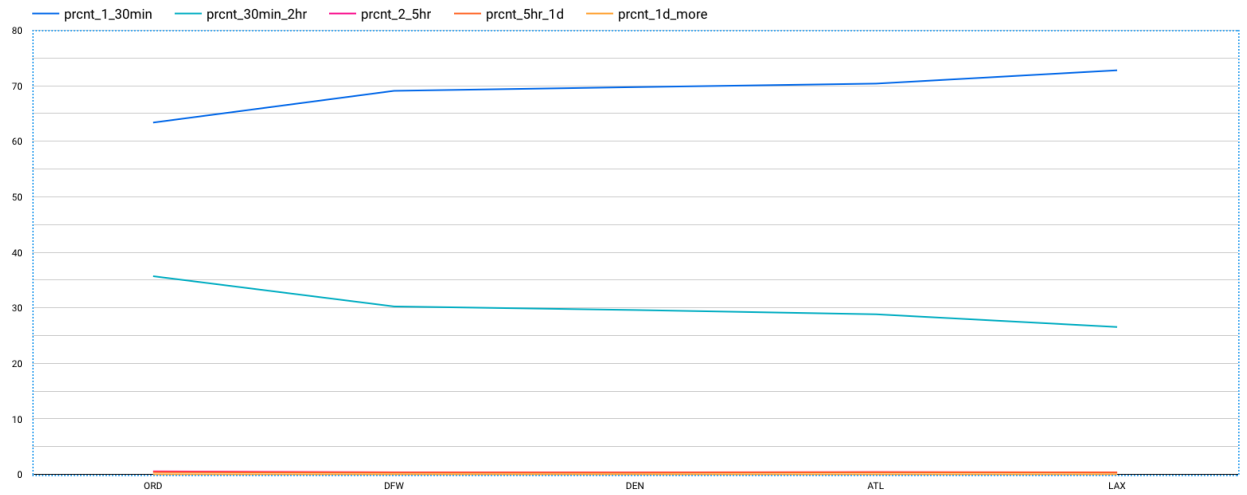National Air System — 8%
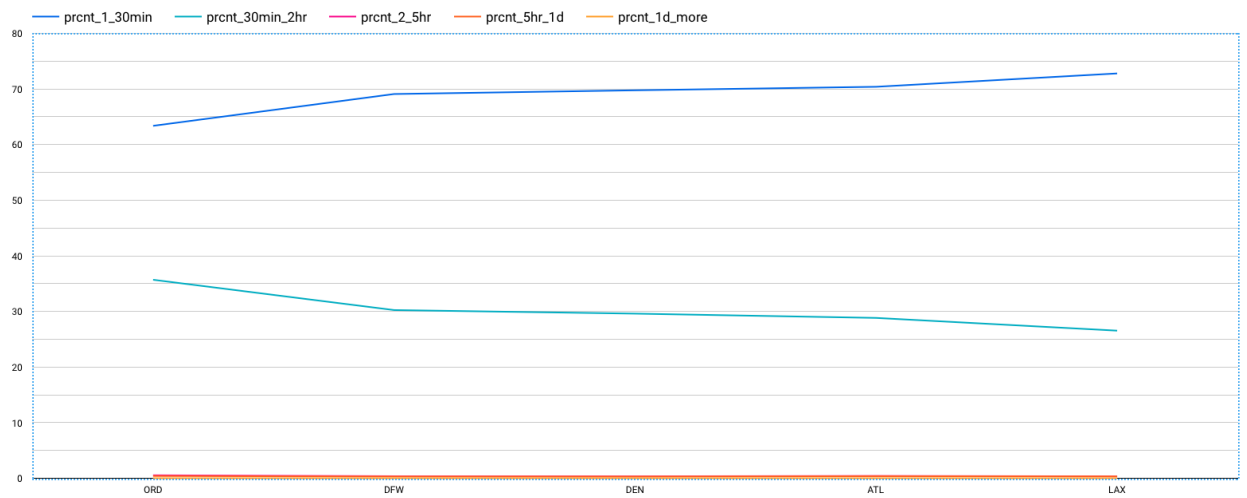
- ## Delay Count

- ## Delay Count

- Delay Percentage for top 5 airports

- Delay Percentage for top 5 airports

- Most unreliable month in 2021(Cancellations in ascending order)