Task

1) Create a run chart that will visualize the measurement of a given feature of each operation for a given part number. We need to identify whether it is in or out of a given specification of that given feature (required design attribute).

• Set the X Value of the graph: SN

• Set the Y Value: MIN, MAX, MSMTS (Measurements)

• Create a Filter using: PN (Part Number)

• Subcharts: OP (Operation #)

• For when you graph SN (serial number), change the aggregation in *Binning* to "*none, use raw values*"

- set *Handling of empty bins* to "*Average of Neighbors*"

Publish the chart to your dashboard

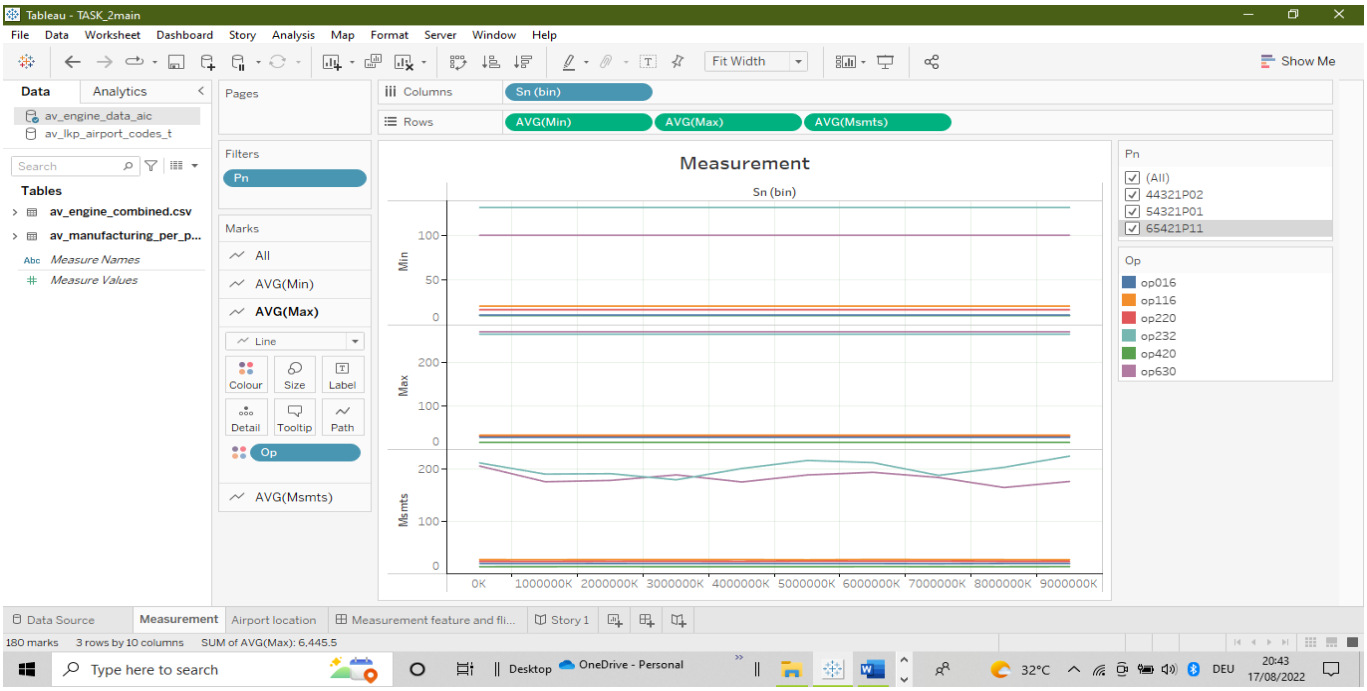
2) Have a look at what other parts of flight data might be interesting to showcase - explore the data so you can understand more about analysis in the aviation industry, and how we use insights to determine flight paths and part health around the world.

For example, this data is a list of all the airports in the world:

av_lkp_airport_codes_t_psql – you could use this to determine the most common airports that the company' engines fly into•

Take a screenshot of your finished dashboard

My Tableau solution to the task above:



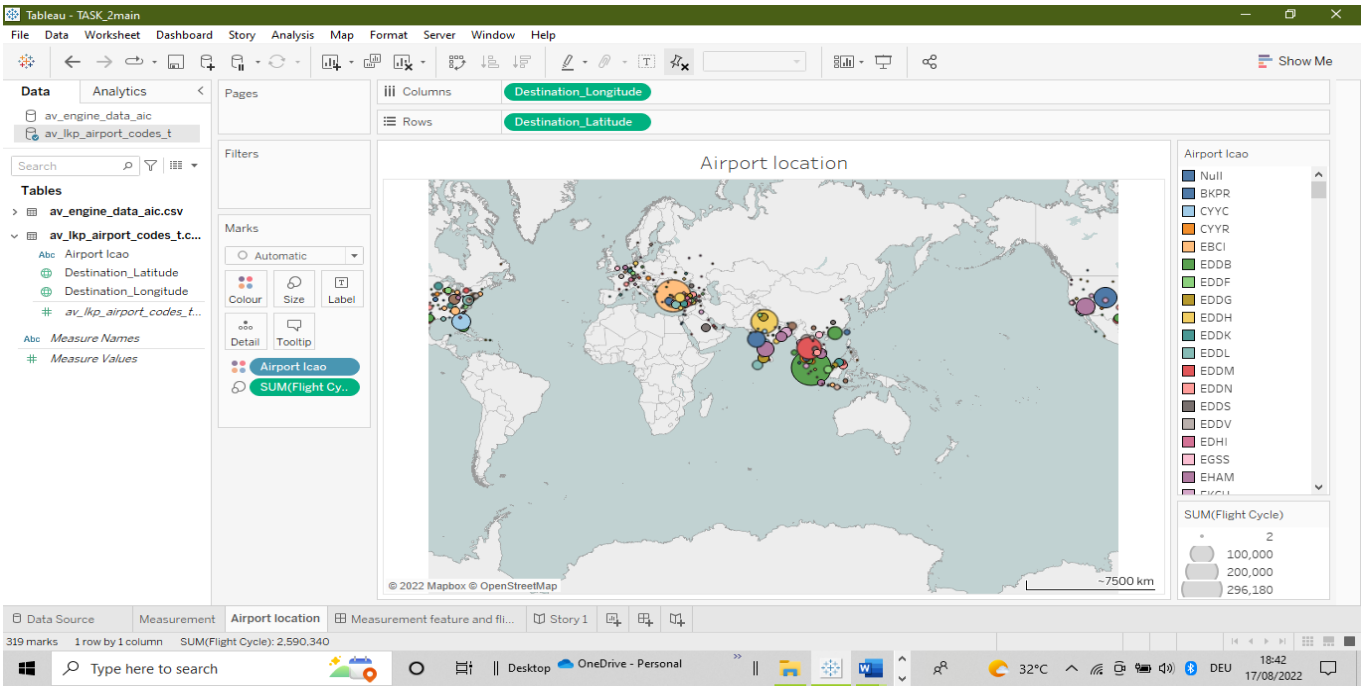


Tableau - TASK_2main
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Show Me
Data
Analytics
av_engine_data_aic
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Search
Tables
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av_lkp_airport_codes_t.c...
Airport Icao
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Airport location
© 2022 Mapbox © OpenStreetMap
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DASHBOARD

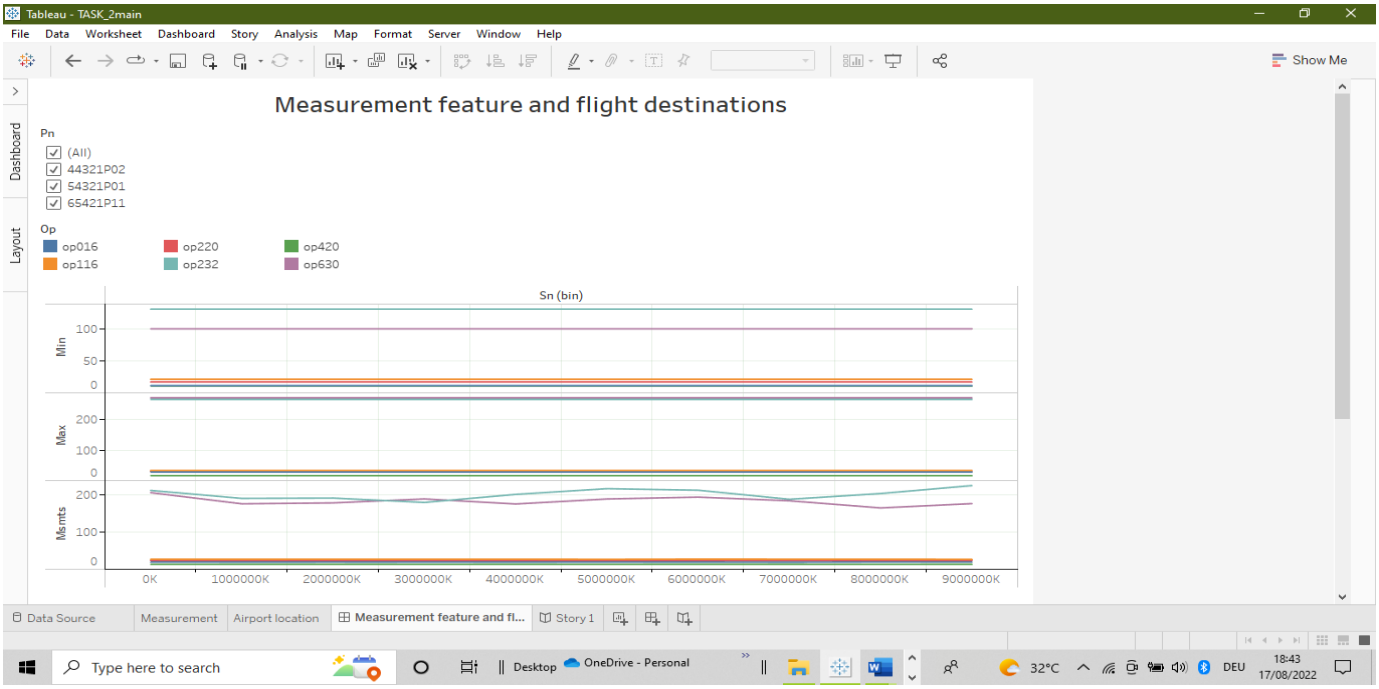
Tableau - TASK_2main
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
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Dashboard
Layout
Measurement feature and flight destinations
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(All)
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54321P01
65421P11
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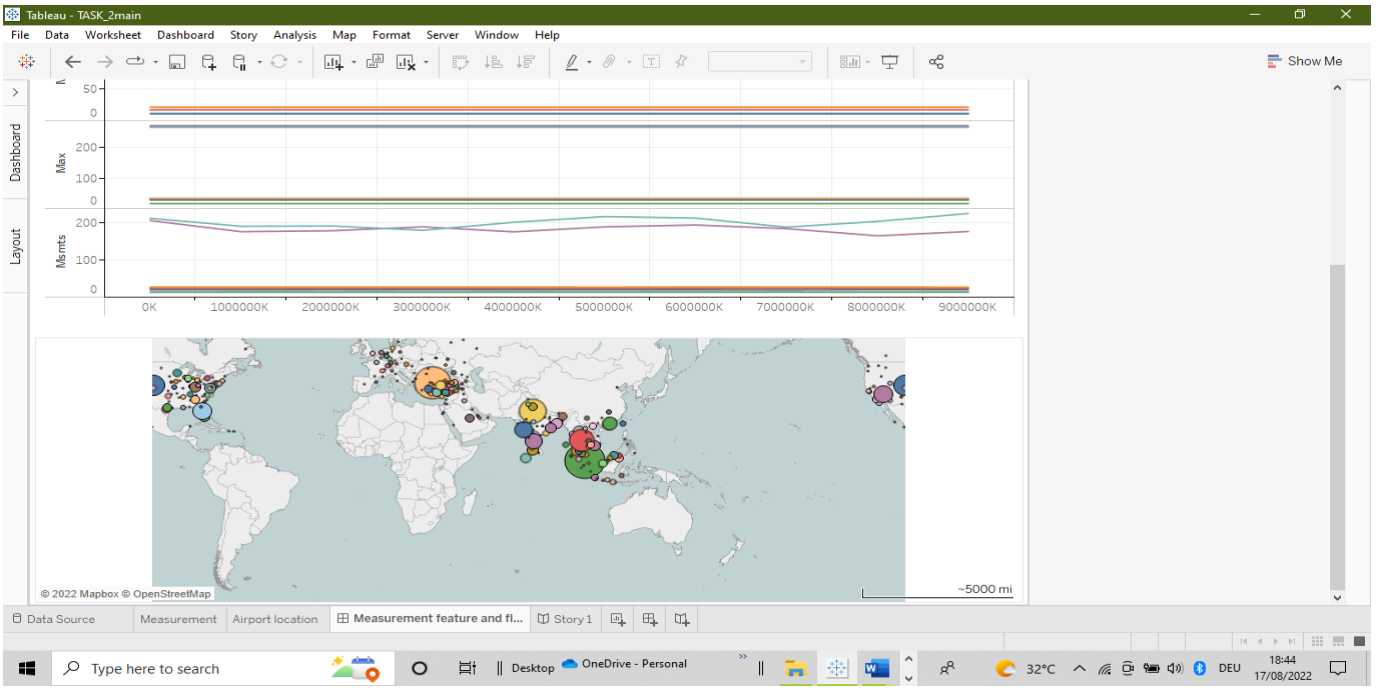
Tableau - TASK_2main
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17/08/2022