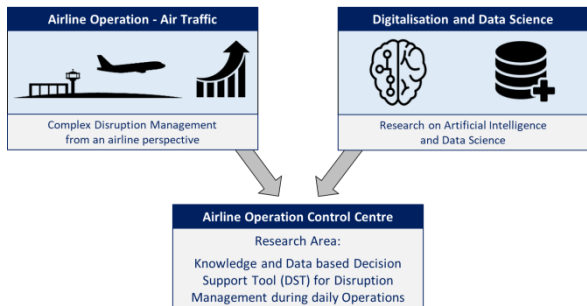
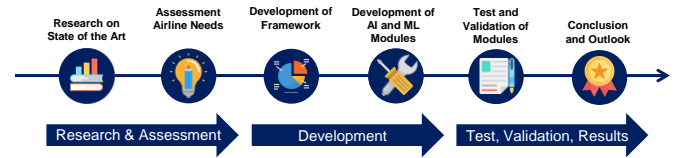


Decision Support System for Airline Operation Control Hub Centre (DiSpAtCH)

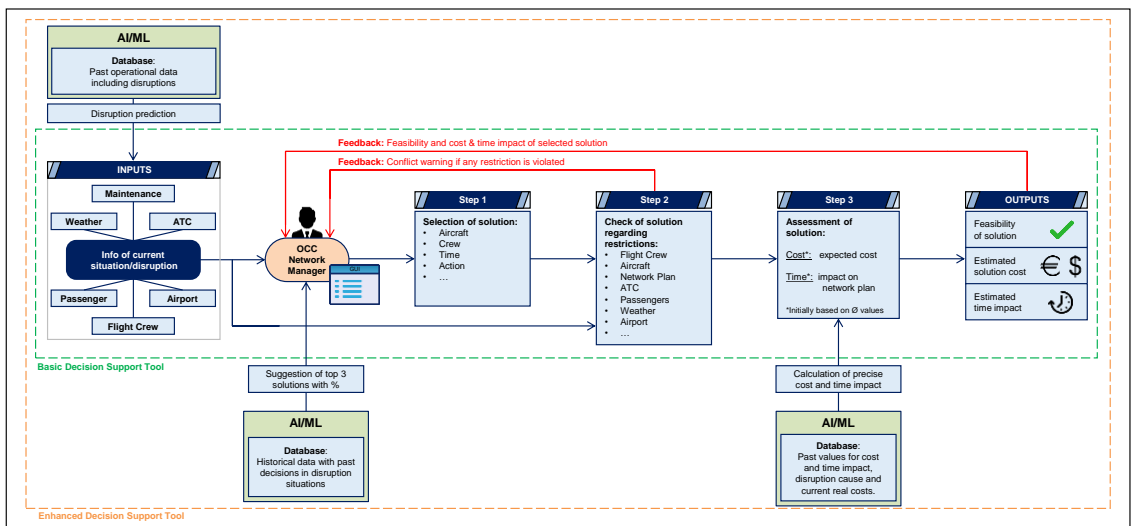
Motivation/Research Area



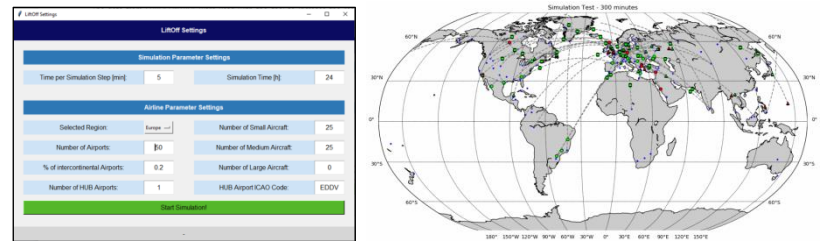
Methodology



Framework



Airline Simulation for Data Generation



Operational Context / Possible Applications

- The airline simulation gives the opportunity to simulate different airlines/networks and therefore could provide sufficient training data for the training of the machine learning modules
- An airline could use the airline simulation in combination with an implemented solution finder to generate data to train algorithms. Since storing real operational data is time consuming, the airline simulation can help to reduce the time by providing generated data.
- As a result, airlines could use the generated data in combination with real operational data to train the desired machine learning modules without the need of storing data over a long time.

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