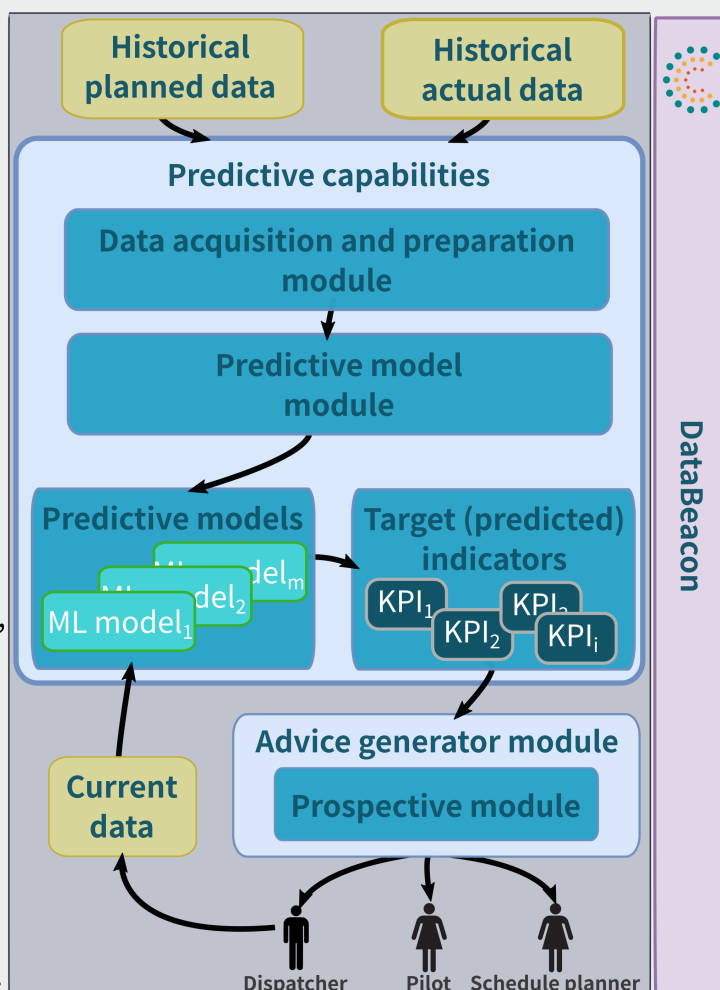# DISPATCHER3

An experienced dispatcher will have a good understanding on the **differences between planned and executed flight plans**. These differences are driven by uncertainty factors (e.g., what will be the actual weather, which runway and how much holding will be at arrival). Having a good understanding of these discrepancies and of the precursors for these variations is key to produce robust flight plans.

Dispatcher3 will provide a **data infrastructure** to lever on historical data and **machine learning techniques** to systematically estimate these variations between planned and executed flight plans.

The prototype is organised in three layers:
1. Data infrastructure, powered by DataBeacon.
2. Predictive capabilities, with data acquisition and preparation, and predictive models.
3. Advice capabilities.

Key facts

- Clean Sky 2 programme
- Research and Innovation
- Start - June 2020
- End - November 2022
- Topic Manager - Thales

Main objectives

- Clean, synchronise and merge past flight and other operational data
- Set a data infrastructure
- Predictive capabilities for alternative fligh plans
- Advice for dispatchers and pilots

Getting involved

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More information

www.dispatcher3.eu