

Wind Turbine Signal Analysis

TFM Master Data Science

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14th edition Kschool – 14th June 2019

Project Analysis



Motivation

Current existing
problem



Data

56 signals every 10
minutes



Goal

Create a forecast
model



Technical Analysis

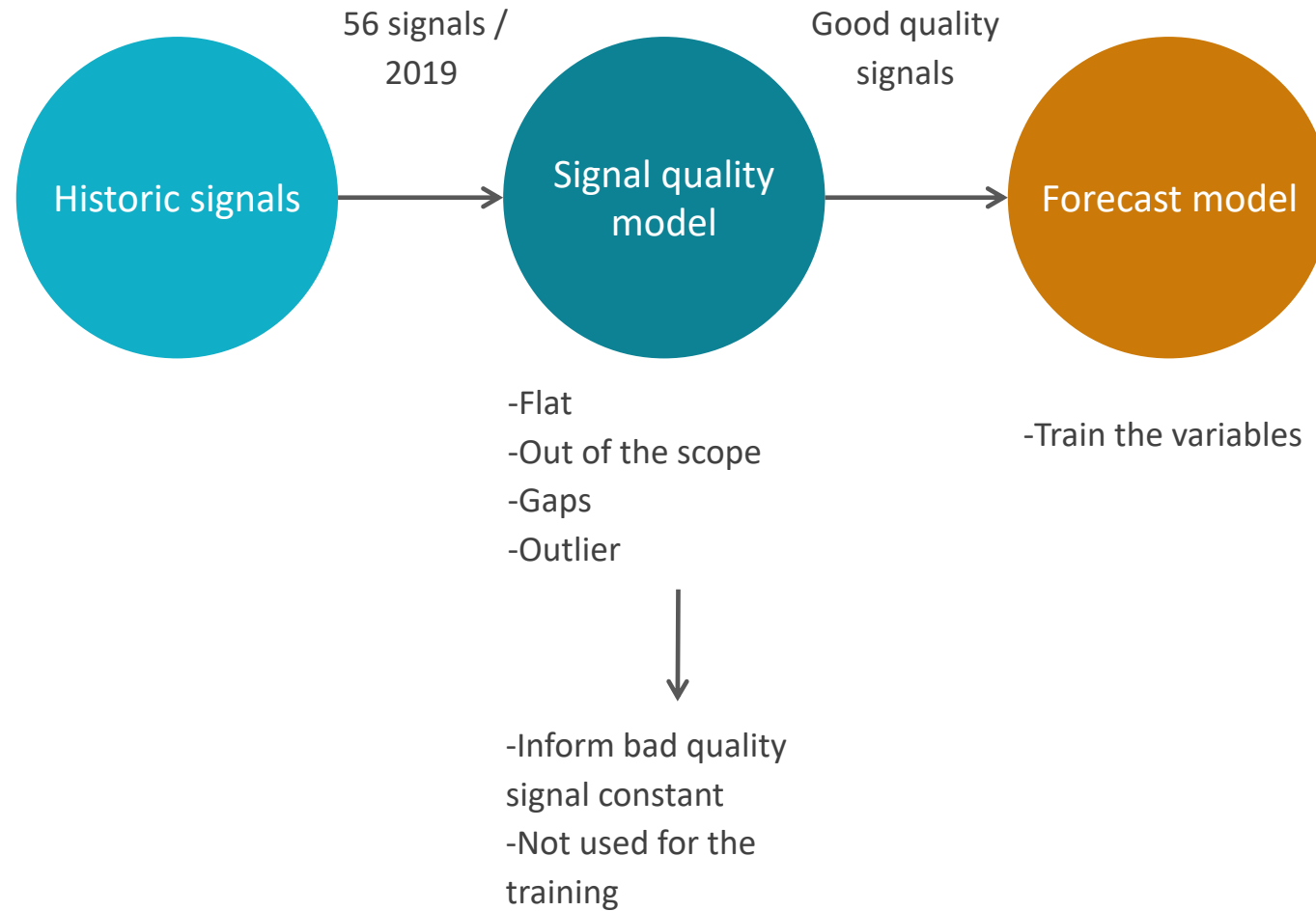
Statistical models



Project Planning

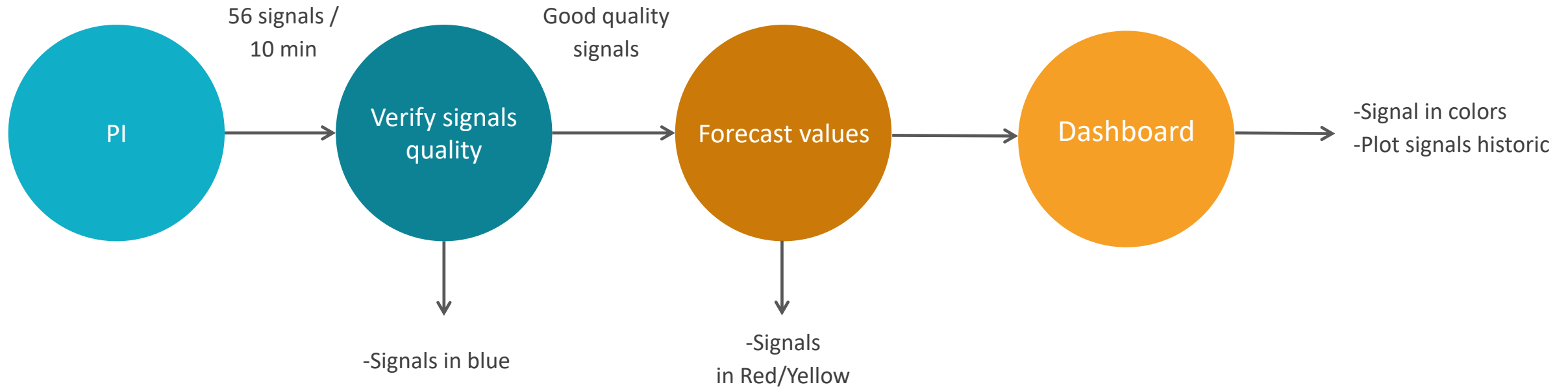
14th June 2019

Create the models



Optional:
Adapt to different
WT Models

Project Workflow



Final result



Project Planning

- Signal prediction 22nd April
- Quality signals 29th April
- Dashboard 10th May



Thank You