

VersaFleet™ Background

Our client operates a **phone swap service** in Singapore and Malaysia. Our client uses the **Transport Management Software** by VersaFleet to **digitalise and optimise** last mile fulfilments.

Challenges

Our client faces 2 main challenges:

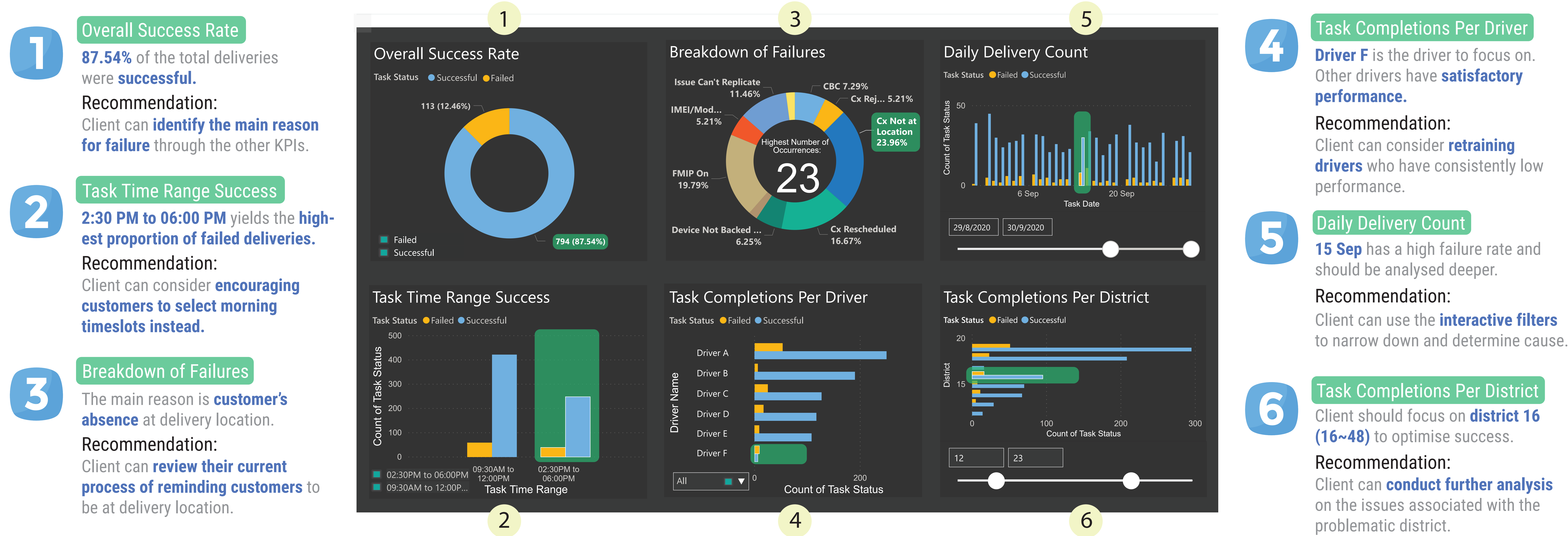


Methodology

- 1 Data Wrangling**
Clean raw data through an app made using **Python**
- 2 Generation of Data Visualisation**
Identify and visualise key KPIs using **QGIS, Excel & PowerBI**
- 3 Building Dashboard**
Provides a comprehensive snapshot of performance using **Power BI** and **VBA**
- 4 Drawing Insights & Recommendations**
Identify **areas of improvement** and **address limitations**



Interactive Dashboard & Business Insights



Limitations

Limited data to perform extensive predictive analysis, such as being unable to predict the reason of failure due to the **lack of customer data**.
The Breakdown of Failures pie chart presents failed deliveries that are due to top 10 recorded reasons, with **reasons outside of these 10 excluded**.
The accuracy of the timeslot data is **marginally unreliable** as some drivers input erroneous time slots.