



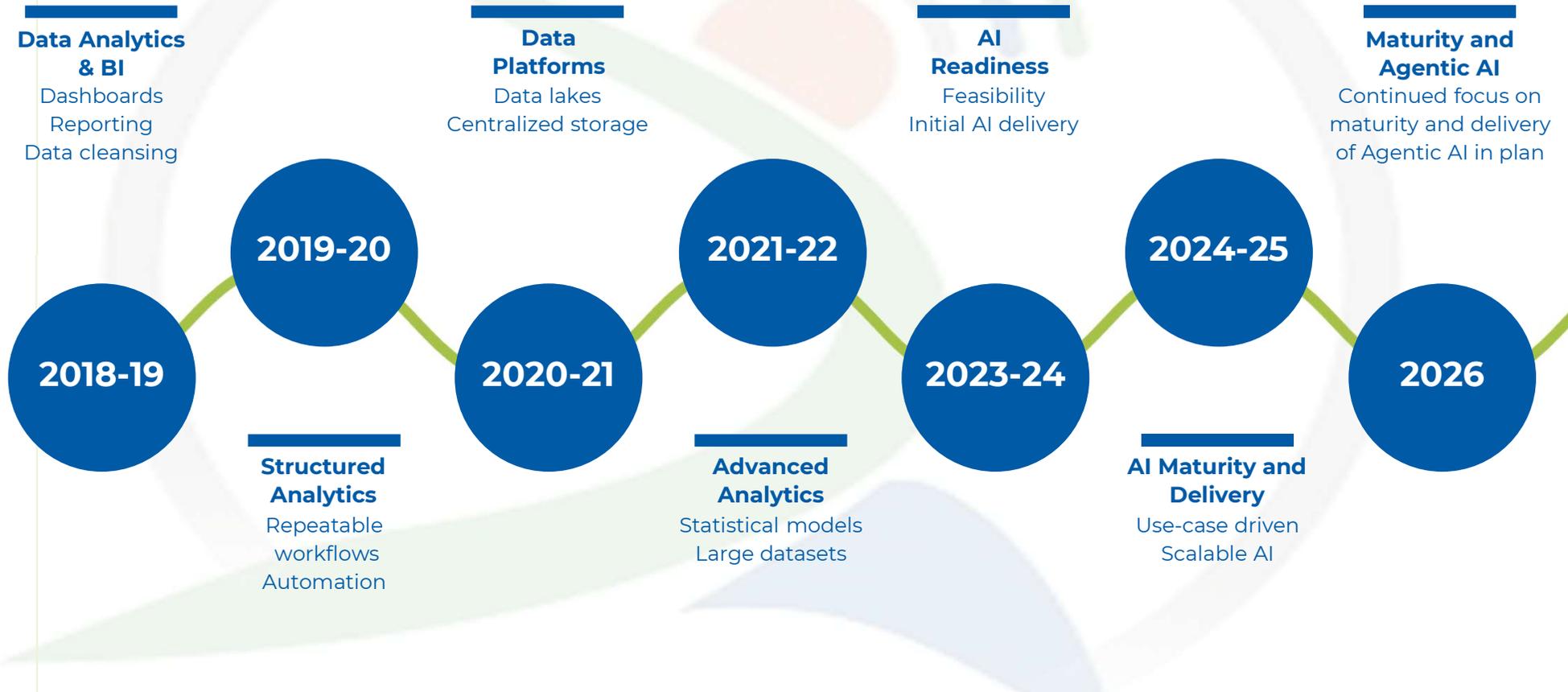
From Data Analytics to AI

An Implementation Led Journey @ Ortusolis - 2017 - 2025



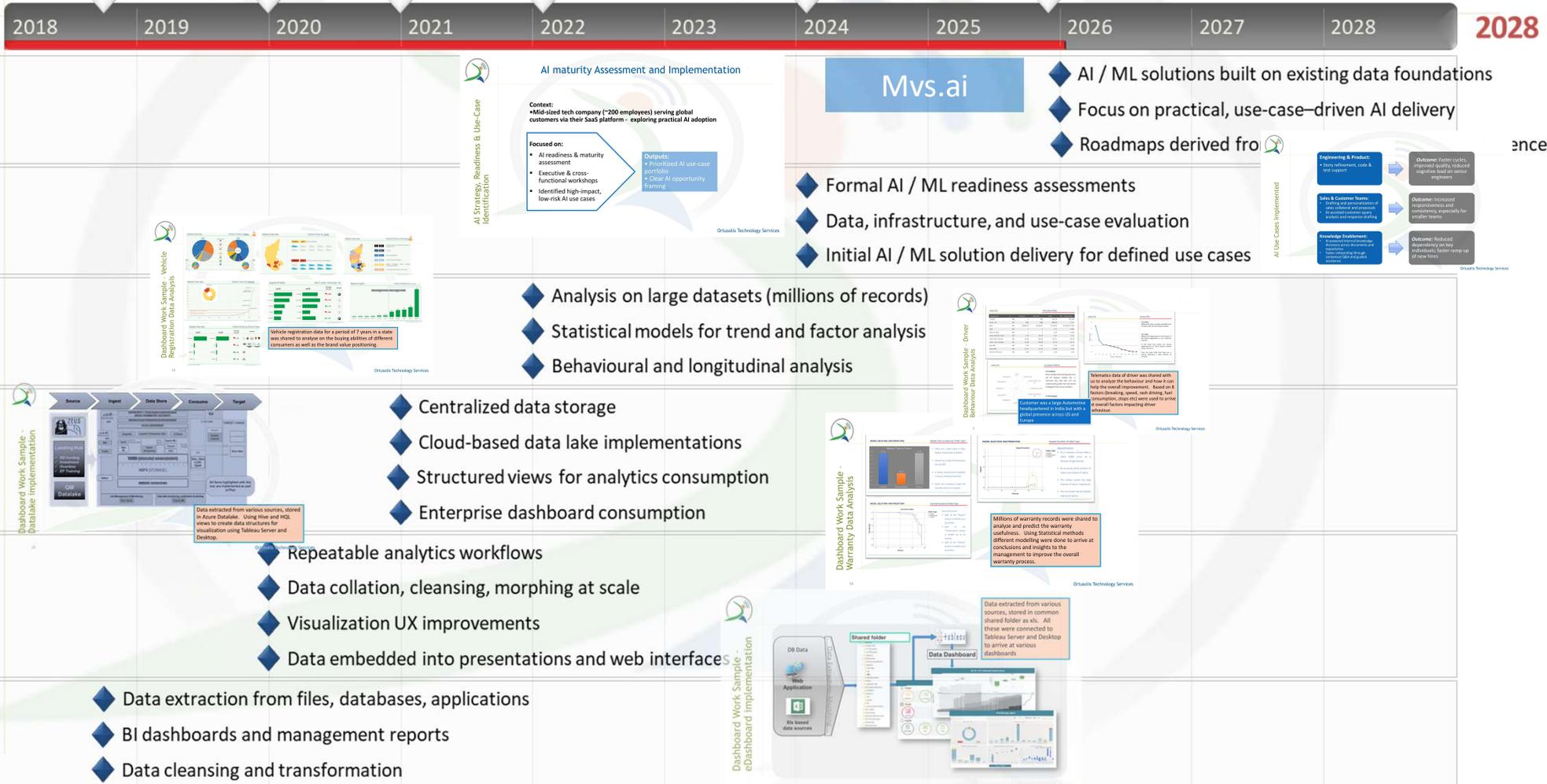
From Data Analytics to AI Delivery

Ortusolis Journey





OTS Journey With Different UseCases

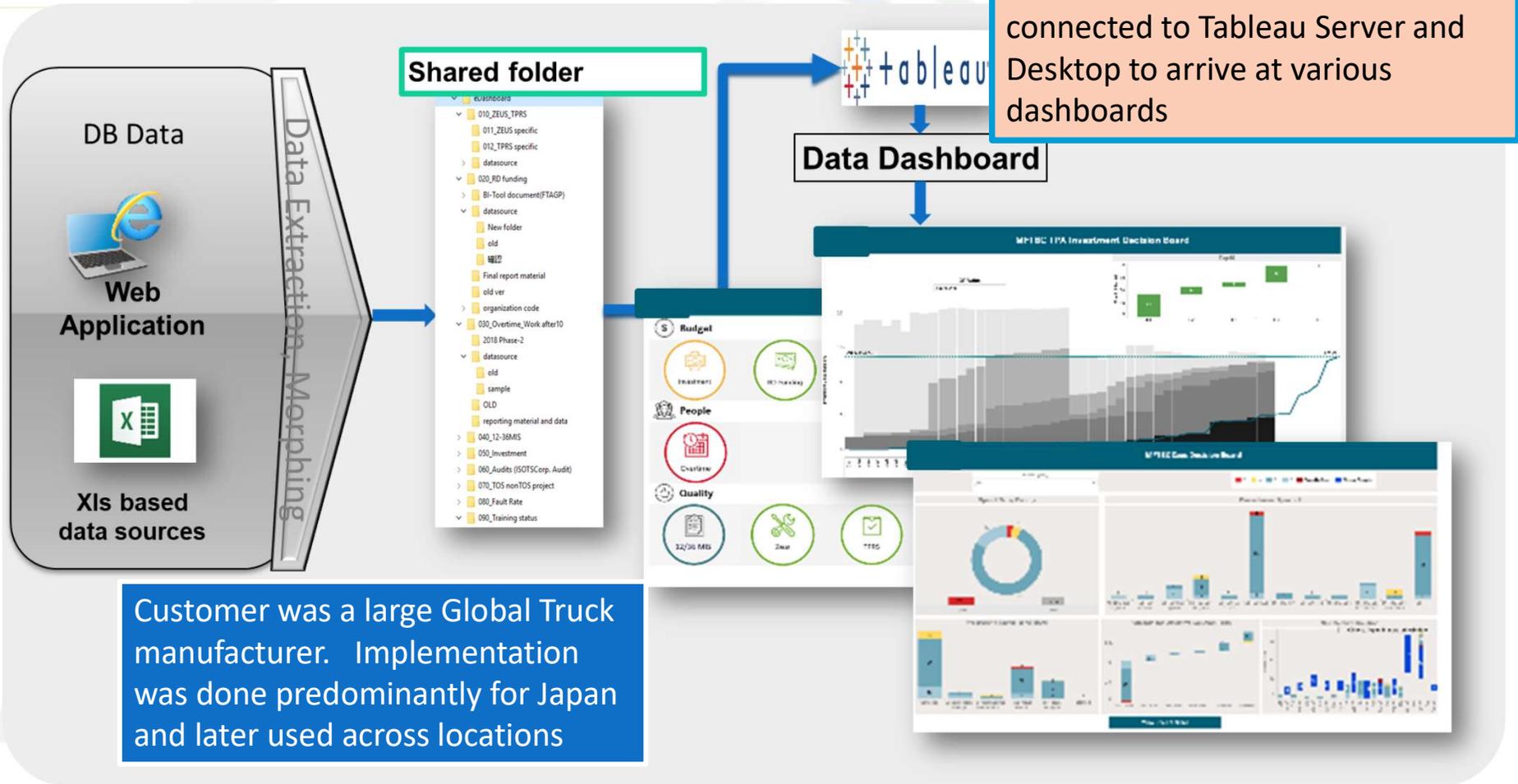




Use Case Examples

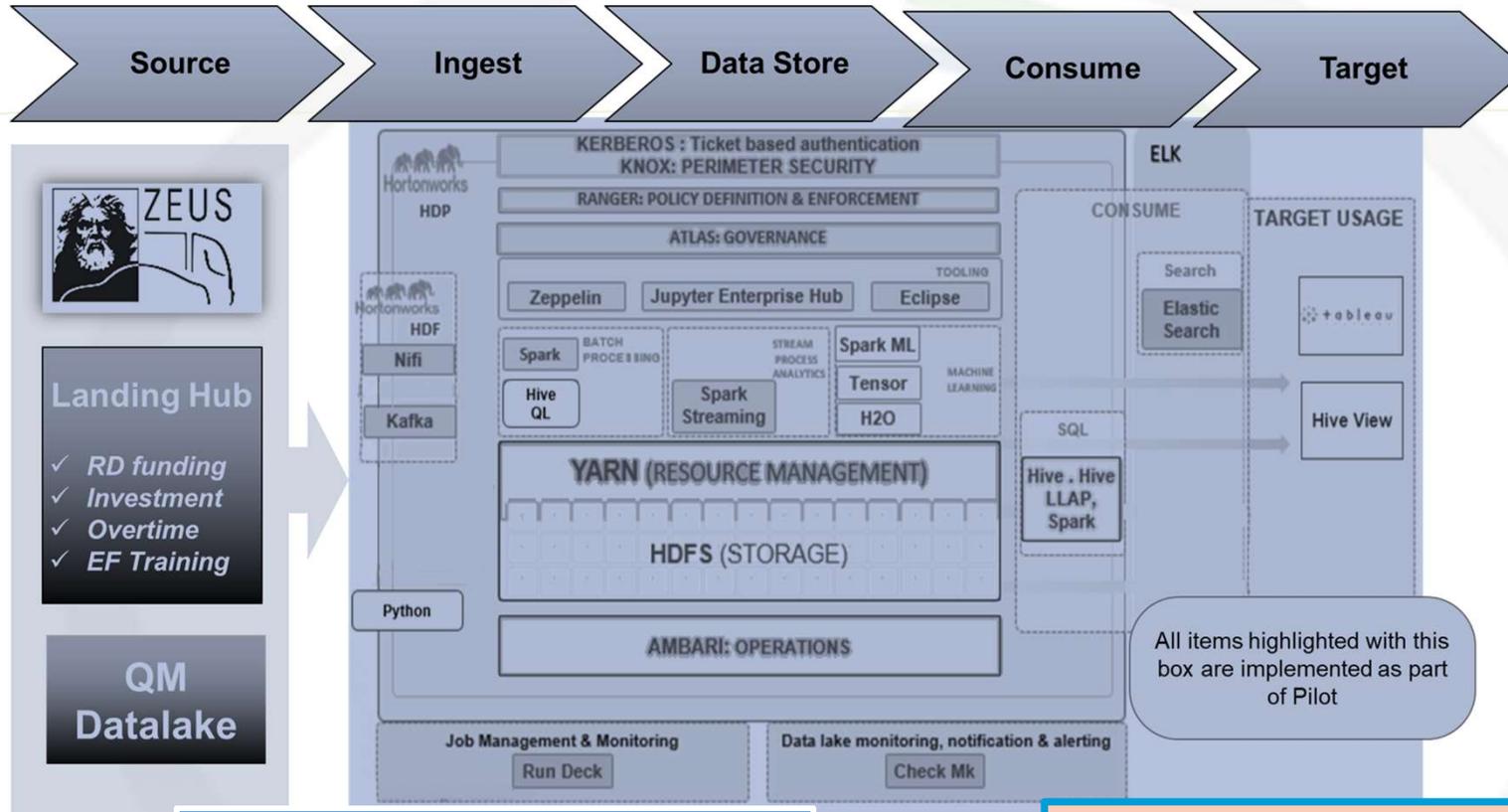


Dashboard Work Sample - eDashboard implementation





Dashboard Work Sample - Datalake implementation

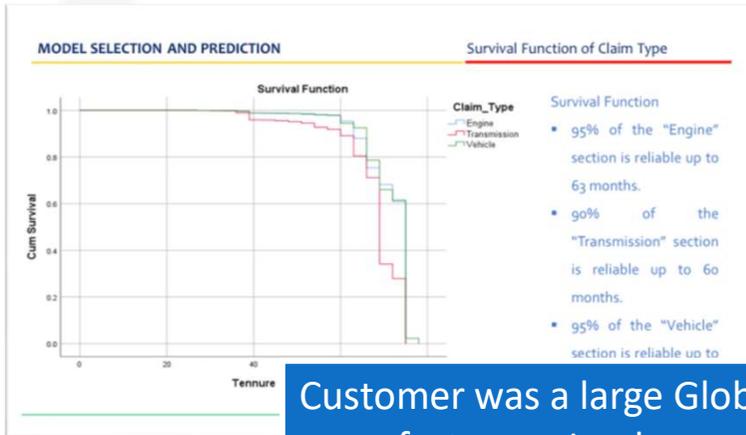
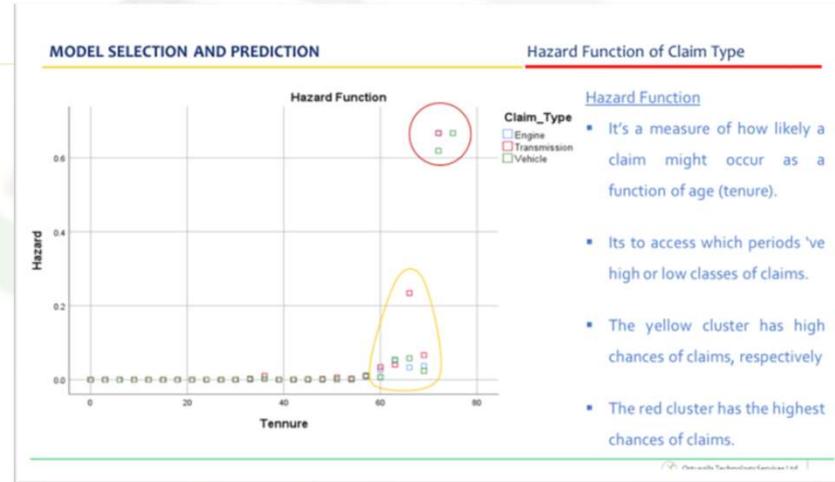
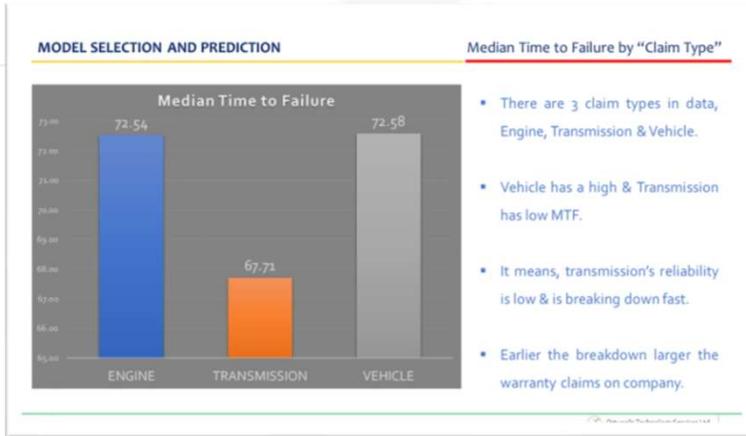


Customer was a large Global Truck manufacturer. Implementation was done predominantly for Japan and German locations. Later used across locations

Data extracted from various sources, stored in Azure Datalake. Using Hive and HQL views to create data structures for visualization using Tableau Server and Desktop.



Dashboard Work Sample - Warranty Data Analysis



Customer was a large Global Truck manufacturer. Implementation was done predominantly for Japan service dealers.

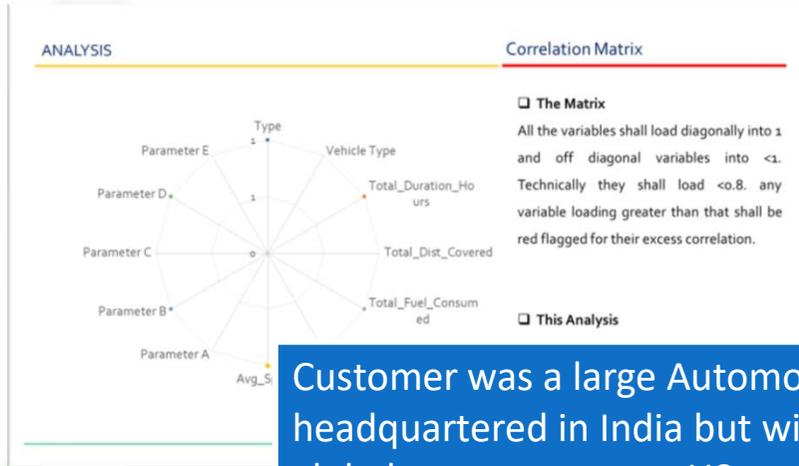
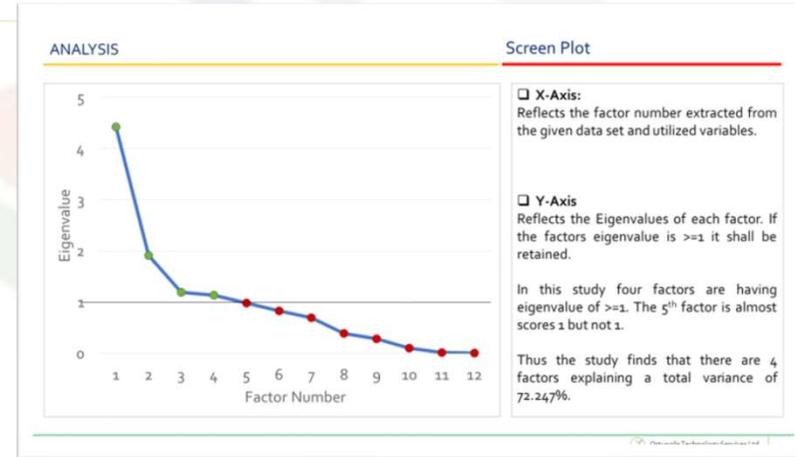
Millions of warranty records were shared to analyze and predict the warranty usefulness. Using Statistical methods different modelling were done to arrive at conclusions and insights to the management to improve the overall warranty process.



Dashboard Work Sample - Driver Behaviour Data Analysis

ANALYSIS Descriptive Stats

PARAMETER	N	MINIMUM	MAXIMUM	MEAN	STD. DEVIATION
Trip_No	482	1	482	241.50	139.286
Driver ID	482	1001	1008	1004.09	2.237
Date	482	20-APR-19	04-AUG-19	12-JUN-19	29 04:39:37.392
Type	482	1	2	1.57	0.496
Vehicle Type	482	1	2	1.30	0.459
Total Duration Hours	482	1.54	14.36	5.47	2.41
Total Dist Covered	482	50.30	534.50	167.27	98.36
Total Fuel Consumed	482	12.00	149.00	49.16	24.56
Avg KMPL	482	1.66	5.56	3.36	0.82
Avg Speed	482	12.47	62.65	29.58	8.02
Overall KPI Score	482	3.00	8.75	6.50	1.05

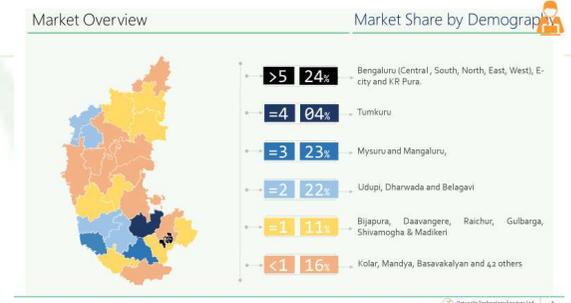
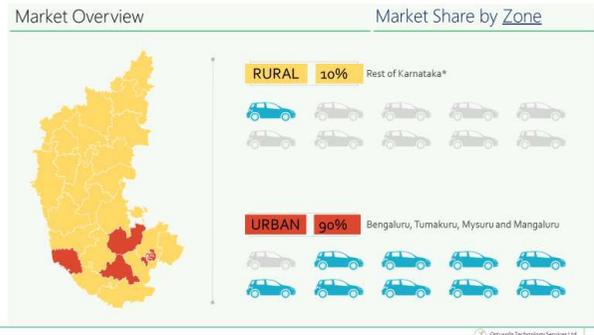
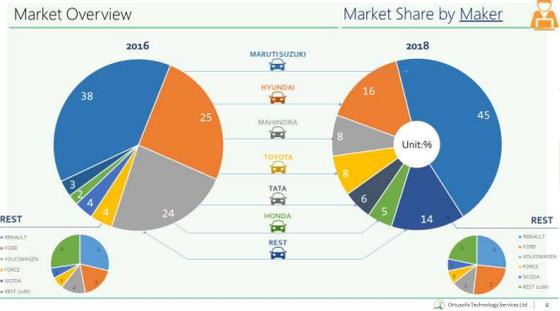


Customer was a large Automotive headquartered in India but with a global presence across US and Europe

Telematics data of driver was shared with us to analyze the behaviour and how it can help the overall improvement. Based on 8 factors (breaking, speed, rash driving, fuel consumption, stops etc) were used to arrive at overall factors impacting driver behaviour.

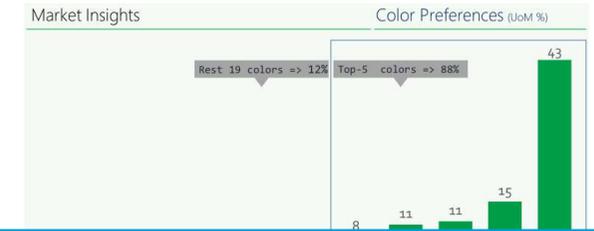


Dashboard Work Sample - Vehicle Registration Data Analysis



Segment Profiles Best 5 Seller: Passenger Car

Segment	2016	2018	Average Growth	Brands
3 SERIES	9.5%	7.3%	▼2.9%	BMW
CLA-CLASS	7.5%	6.8%	▼0.7%	Mercedes
E-CLASS	6.5%	7.2%	▲0.7%	Mercedes
C-CLASS	6.5%	6.5%	0%	Mercedes
5 SERIES	6.5%	6.5%	0%	BMW



Market Overview Market Share by Brand Origin

Brand Origin	2016	2018	Average Growth	Brands
GERMANY	8%	6.5%	▼1.5%	Mercedes, BMW, Audi, Volkswagen
UK	1%	0.5%	▼2.4%	Land Rover, Jaguar
SWEDEN	1%	3.5%	▲2.4%	Volvo
JAPAN	0%	2%	▲1.5%	Lexus

Vehicle registration data for a period of 7 years in a state was shared to analyse on the buying abilities of different consumers as well as the brand value positioning.

Customer was a large government organization from India responsible for vehicle licences and registration for people.



AI maturity Assessment and Implementation for SaaS Customer (1)

AI Strategy, Readiness & Use-Case Identification

Context:

Mid-sized tech company (~200 employees) serving global customers via their SaaS platform - exploring practical AI adoption

Focused on:

- AI readiness & maturity assessment
- Executive & cross-functional workshops
- Identified high-impact, low-risk AI use cases

Outputs:

- Prioritized AI use-case portfolio
- Clear AI opportunity framing



AI maturity Assessment and Implementation for SaaS Customer (2)

AI Use Cases Implemented

Engineering & Product:

- Story refinement, code & test support



Outcome: Faster cycles, improved quality, reduced cognitive load on senior engineers

Sales & Customer Teams:

- Drafting and personalization of sales collateral and proposals
- AI-assisted customer query analysis and response drafting



Outcome: Increased responsiveness and consistency, especially for smaller teams

Knowledge Enablement:

- AI-powered internal knowledge discovery across documents and repositories
- Faster onboarding through contextual Q&A and guided assistance

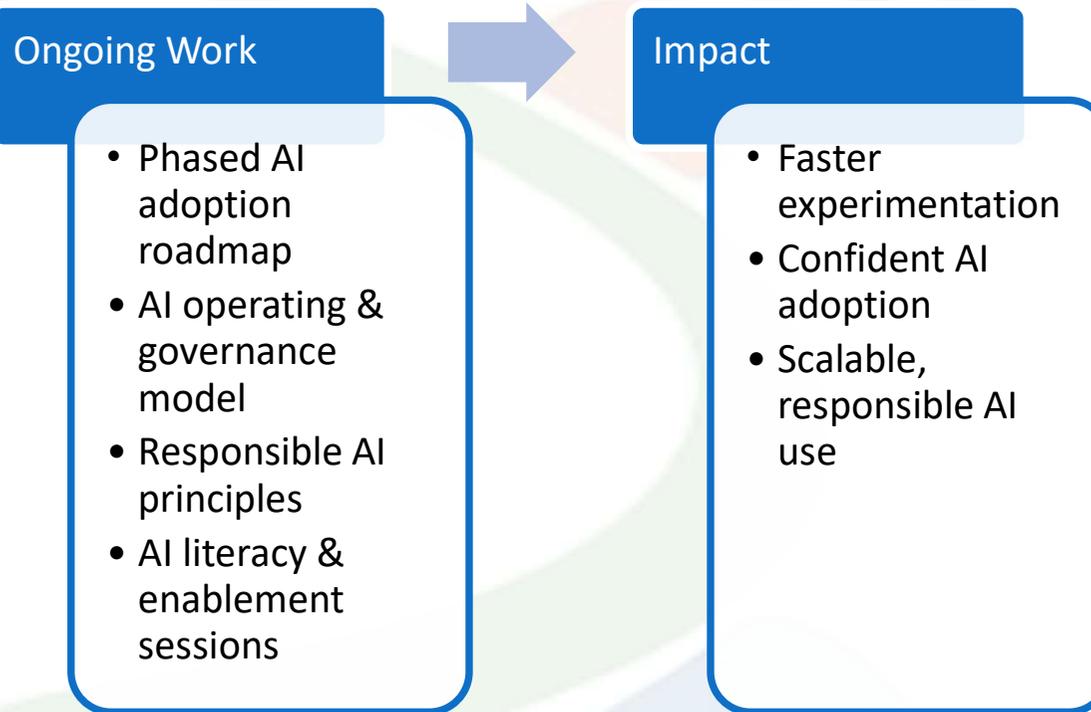


Outcome: Reduced dependency on key individuals; faster ramp-up of new hires



AI maturity Assessment and Implementation for SaaS Customer (3)

AI Adoption Roadmap &
Governance





Autonomous Driving

- [Mvis.ai](https://www.mvis.ai) (check the website for more information) is an AI application designed and supported implementation in Autonomous driving.
- This was done for L2M rail



- We at Ortusolis are well versed with Business Analysis, Data Analysis and AI Maturity and implementation.
- We can support end-end analysis or only specific portion of data analytics process
- Contact Us to understand more on what we can deliver.

Thank You...

Hoping to work with you soon