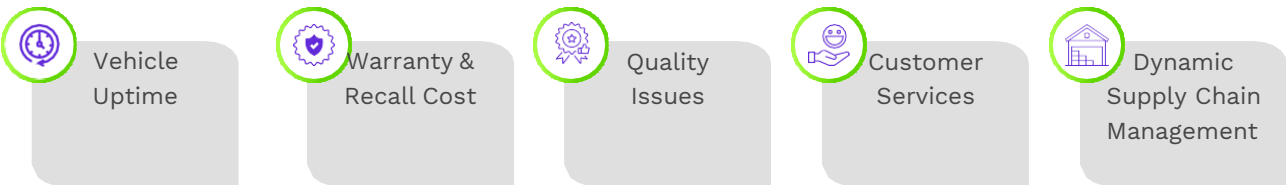




AI/ML based Remaining Useful Life (RUL) Prediction for Automotive Components

OEMs are facing challenges across various touch points throughout the business cycle due to **lack of power to see the unseen**. On one hand, increased digitalization has helped OEMs to better manage the business cycle, at the same time it generates lot of data giving an opportunity to crate trusted insights and make efficient decisions.

Accurate translation of data into intelligence ensures maximizing value at various business touch points



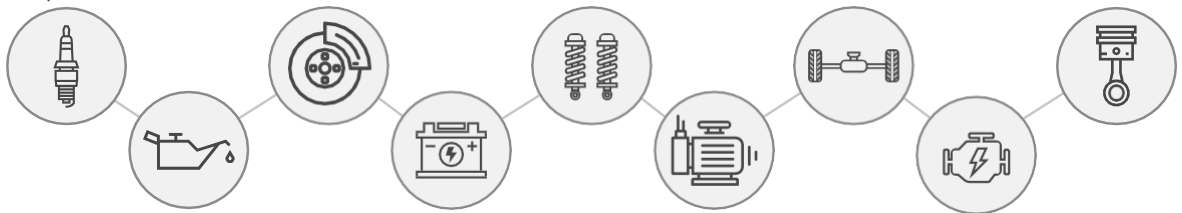
KPIT's 20+ years of domain expertise in automotive software engineering and data science capabilities allows OEMs to significantly benefit from the analytics solutions giving an opportunity to deliver competitive advantage and stand out from the crowd.

KPIT brings AI/ML based 'Remaining Useful Life' methodology and solution which offers predictive model readiness across vehicle components with fusion of predictive analytics and decision-making algorithms to help OEMs in improving the efficiency and optimizing the cost.



Offerings

- Off the shelf algorithms & predictive models
- Bespoke predictive models
- Integration & model optimization services





Business Benefits



Vehicle uptime

- Helps reduce repair, admin and litigation costs
- Increase in vehicle uptime



Warranty & Recall Cost

- Helps in keeping Warranty claim costs low
- Identify defects occurring immediately after purchase
- Better Recall management



Quality Issues

- Proactive in identifying quality issues of components
- Better quality control on inward components



Customer Services

- Positive implications for customer experience team
- Adds to customer satisfaction
- Helps prevent any damage to brand's reputation



Dynamic Supply Chain Management

- Better control over supply chain management
- Low inventory costs
- Helps in developing comprehensive forecast model



Credentials

Working with

9+ OEMs & Tier1s on multiple components for AI/ML models with accuracy level >90%

Dedicated team

of domain experts, data scientists, data engineers, data analysts and cloud architects

digital.solutions@kpit.com |  /company/kpit

KPIT is a global technology company with software solutions that will help mobility leapfrog towards autonomous, clean, smart and connected future. With 7000+ Automobelievers across the globe, specializing in embedded software, AI & Digital solutions, KPIT enables

customers accelerate implementation of next generation mobility technologies. With development centers in Europe, USA, Japan, China, Thailand and India – KPIT works with leaders in mobility and is present where the ecosystem is transforming.