# RAC

# Team Number - 4

**PROJECT TITLE :** Warranty Data Portal

**TEAM MEMBERS :**

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PROJECT OBJECTIVE:

# A warranty data portal's main goal is to give businesses a centralized location to manage warranty claims and related information.

# This may entail monitoring and examining warranty claims, discovering frequent problems or product flaws, and enhancing product quality and client satisfaction.

# By expediting warranty procedures and lowering warranty-related costs, the portal can also assist businesses in identifying possible cost reductions.

# TOOLS USED:

# *ANCONDA JUPTER NOTEBOOK*

# *TABLEAU*

# *EXCEL*

# *POWERBI*

# DATASET:

# 

# 

# INSIGHTS:

# Determine The Parts That Fail The Most Frequently:

# By analyzing warranty data, businesses may determine the parts that fail the most frequently and result in claims.

# Examine The Primary Reasons Of Failure:

# The primary causes of failure for the majority of failure parts should be understood.

# Finding Trends And Patterns In Warranty Claims:

# Data analysis can help find trends and patterns in warranty claims, such as certain parts that are more likely to fail.

# Compare Warranty Data To Product Design And Manufacturing Information:

# Comparing warranty data to product design and manufacturing information can assist in identifying potential design flaws that could be causing warranty claims.

# Utilize Data Visualization Tools:

# Companies may easily spot trends and patterns in warranty data by using data visualization tools.

# BRIEF SUMMARY:

* A centralized platform for handling warranty claims and related data, such as details on failed parts, is offered through the ASC Warranty Data Portal for vehicles.
* The portal consolidates data from multiple sources, such as dealer reports, and field service data, to track and analyze warranty claims.
* It offers data analytics tools that can assist businesses in locating common problems and flaws in their vehicles, which can have an impact on product design, production methods, and quality control.
* The portal can assist businesses in enhancing the dependability and durability of their vehicles, lowering the possibility of further breakdowns and warranty claims.
* The portal can also assist businesses in finding ways to cut warranty-related costs, such as by negotiating better warranty terms with suppliers and finding chances to boost the effectiveness of warranty procedures.
* With an emphasis on identifying and resolving failure parts concerns, the ASC Warranty Data Portal for automobiles has the overall goal of enhancing product quality, customer satisfaction, and lowering warranty-related costs.