The dataset provided is about the **repair and maintenance of vehicles**. Your task is to explore the data, apply machine learning techniques to analyze it and assess the performance of your models using appropriate metrics.

Below are some guidelines:

1. **Perform Exploratory Data Analysis:** Begin by exploring trends and patterns in the dataset through visualizations and descriptive statistics. You may identify key trends such as repair cost trends over time, the average time spent on repairs for different vehicle types, or the most frequent types of repairs. Use plots, charts, and summary statistics to clearly present these findings.
2. **Apply Machine Learning Models**: Use the dataset to perform machine learning tasks suited to the nature of the data and the outcomes you wish to derive. This could include:
   * **Predictive Modeling**: Build models to predict variables such as repair costs or repair times based on vehicle and repair attributes.
   * **Classification**: Develop models to categorize repairs, such as predicting the Repair Code or Status.
   * **Clustering**: Group repairs or vehicles into clusters based on similarities to identify common patterns or profiles.
   * **Anomaly Detection**: Detect unusual repair costs, hours, or other outliers in the dataset.
3. **Assess Model Performance**: Evaluate the performance of the machine learning models using appropriate metrics (e.g. MSE, MAE, R-squared, accuracy, precision, recall, or F1-score)

**These are just guidelines to help you structure your analysis, but feel free to explore any models, techniques, or approaches that you find suitable for the dataset and objectives.**

**Description of the dataset:**

The dataset includes the following fields:

* ID: Unique identifier for each work order record.
* MID: --
* Name: Name of the operator who performs the repair
* Work Order: Associated work order number.
* Unit / Shop: the location where the repair is performed
* Year: Year of the vehicle's manufacture.
* Make: Manufacturer of the vehicle (e.g., Toyota, Ford).
* Model: Model of the vehicle.
* Make & Model: Combined details of the manufacturer and model.
* VIN / Serial: Vehicle Identification Number or serial number.
* Class Desc: Description of the vehicle class.
* Status: Current repair status (e.g., Completed, In Progress shown with different codes).
* Repair Code: Code representing the type of repair performed.
* Repair Description: Detailed description of the repair.
* Direct Hours: Number of hours spent directly on the repair.
* Indirect Hours: Indirect hours associated with the repair.
* Hours: Total hours (Direct + Indirect).
* Cost: Total cost of the repair.
* Date Start: Date when the repair started.
* Date End: Date when the repair was completed.