



Data Collection and Preprocessing Phase

Date	24 June 2025
Team ID	SWUID20250176345
Project Title	Machine Learning Approach for Employee Performance Prediction
Maximum Marks	6 Marks

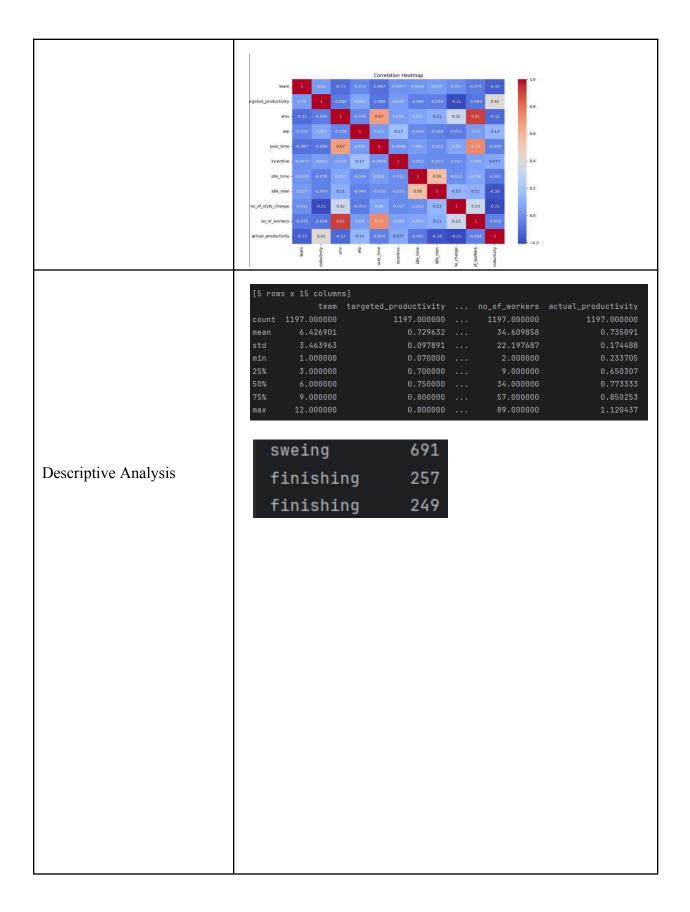
Data Exploration and Preprocessing Report

Dataset variables will be statistically analyzed to identify patterns and outliers, with Python employed for preprocessing tasks like normalization and feature engineering. Data cleaning will address missing values and outliers, ensuring quality for subsequent analysis and modeling, and forming a strong foundation for insights and predictions.

Section	Description
Data Overview	Dimension: 1,197 rows × 15 columns Descriptive statistics: Descriptive statistics: Descriptive statistics: Descriptive statistics: Descriptive statistics: Descriptive statistics: Descriptive statist
	25 membrane Quarter I mining Saturday 1 0.8 3.94 1500 0 0 0 8 0.995217 25 membrane Quarter Inshiring Saturday 1 0.8 3.94 960 0 0 0 8 0.905217 26 membrane Quarter I sweing Saturday 1 0.8 28.08 772 6300 50 0 0 56.5 0.800725
Correlation Analysis	











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Outliers and Anomalies

Data Preprocessing Code Screenshots

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# Load the dataset
df = pd.read_csv("garments_worker_productivity.csv")
```



