Equipment Analytics Report

Dataset: test_equipment_data_2.csv
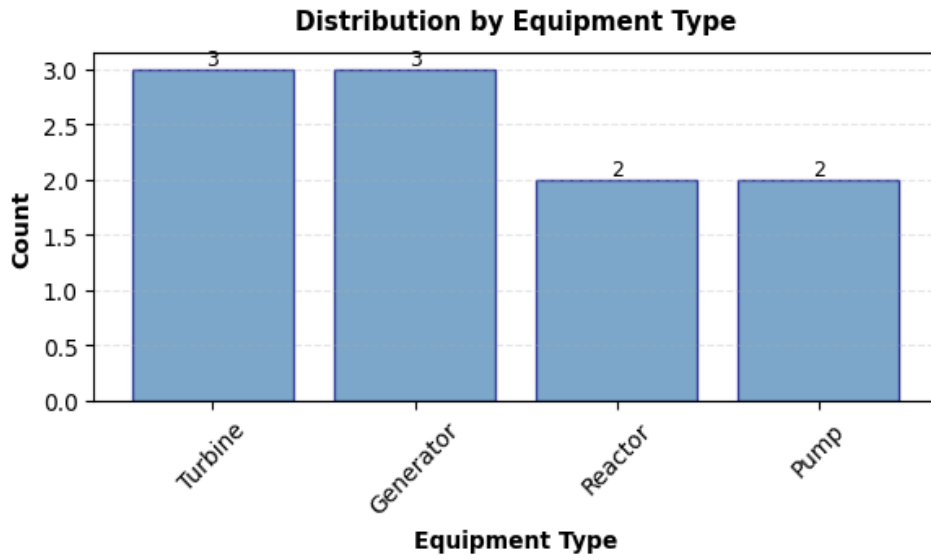**Generated:** February 10, 2026 at 02:41 PM

Report Overview

This report presents a comprehensive statistical analysis of equipment data uploaded to the IIT Bombay Analytics system. The analysis includes summary statistics (mean values and counts) as well as distribution patterns across equipment types. All calculations are performed using the Pandas data processing library to ensure accuracy and reliability.

Summary Statistics

Metric	Value
Total Equipment	10
Average Flowrate	236.42
Average Pressure	61.10
Average Temperature	91.73

Equipment Type Distribution

Distribution by Equipment Type

Bar chart showing Count by Equipment Type: Turbine (3), Generator (3), Reactor (2), Pump (2).