

MATHEDA Engineering Data Analysis
ACTIVITY 1 - DESCRIPTIVE STATISTICS



new message

From: **Ada Lovelace** (Operations Manager)
Subject: **Performance Analysis for Jaguar and Panther Equipment**

Good day,

We've recently received feedback about inconsistent performance metrics for two of our key equipments: Jaguar and Panther. These machines are critical to our operations, and I'd like to get a clearer picture of their overall performance.

Could you perform a **descriptive statistical analysis** on their recent performance data? Specifically I'd like you to focus on: Mean, Median, Mode, Range, Variance, Standard Deviation, and Coefficient of Variation.

Once done, summarize your findings in a **clear report**. Include any visualizations (e.g. bar charts or **boxplots**) to make the results easier to understand.

Attached is the latest performance data for when these machines are used to produce 1K ohm resistors.

P.S. include **manual calculations** in the report.

Regards,
Ada

