

## Employee Work Productivity - Answer Sheet

Q1: Top 5 employees with the highest productivity scores were identified using SORT. A bar chart visualizes the results.

Q2: STDEV.P was used to calculate productivity consistency across departments. The department with the least variation is highlighted.

Q3: PEI (Productivity Efficiency Index) was calculated as:  $(\text{Productivity\_Score} \times \text{Performance\_Rating}) / \text{Hours\_Worked}$ . Top 3 ranked employees are listed.

Q4: CORREL was applied to find influence on Performance Rating. Results:

- Hours Worked: 0.9360

- Tasks Completed: 0.8675

Conclusion: Hours Worked has a stronger influence.

Q5: A scatter plot was created to show the relationship between Hours Worked and Productivity Score.

Q6: Employees with Performance Rating  $\geq 4$  and Hours Worked  $<$  average were filtered as underutilized high performers.

Q7: Tasks per Hour was calculated. The most task-efficient employee is Frank, with 1.35 tasks/hour.