



ACTIVITY SOLUTION: USE GRAPHICAL TECHNIQUES TO ANALYZE DATA



GUIDELINES:

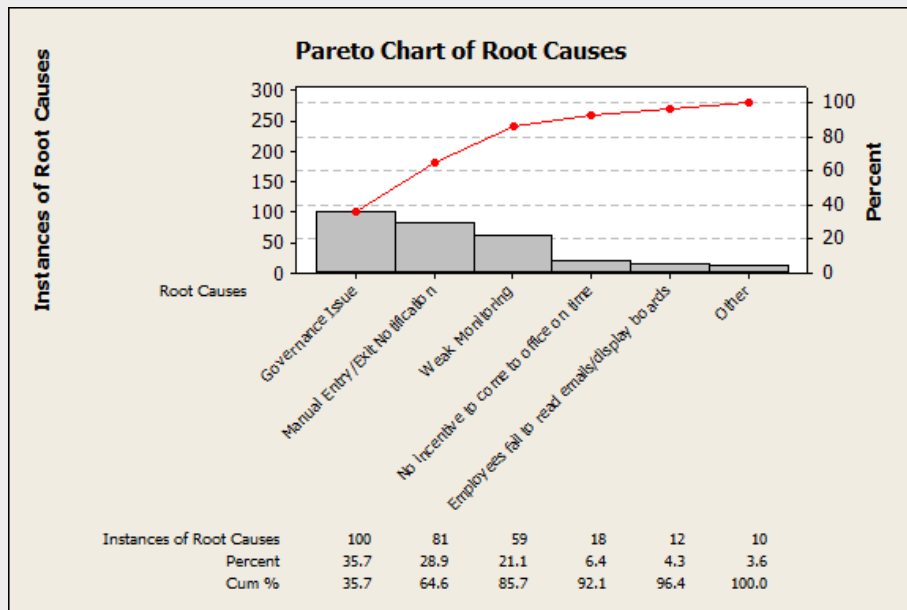
YOUR TEAM HAS COLLECTED THE LATE ARRIVAL DATA OF MATRIX CORP. USE PARETO CHART & HISTOGRAM TO IDENTIFY THE VITAL FEW ROOT CAUSES.

DATA FILES

PLEASE USE THE FOLLOWING FILES FROM THE RESOURCES SECTION:

- **ACTIVITY DATA - PARETO CHART.XLSX**
- **ACTIVITY DATA - HISTOGRAM.XLSX**

SOLUTION: PARETO CHART



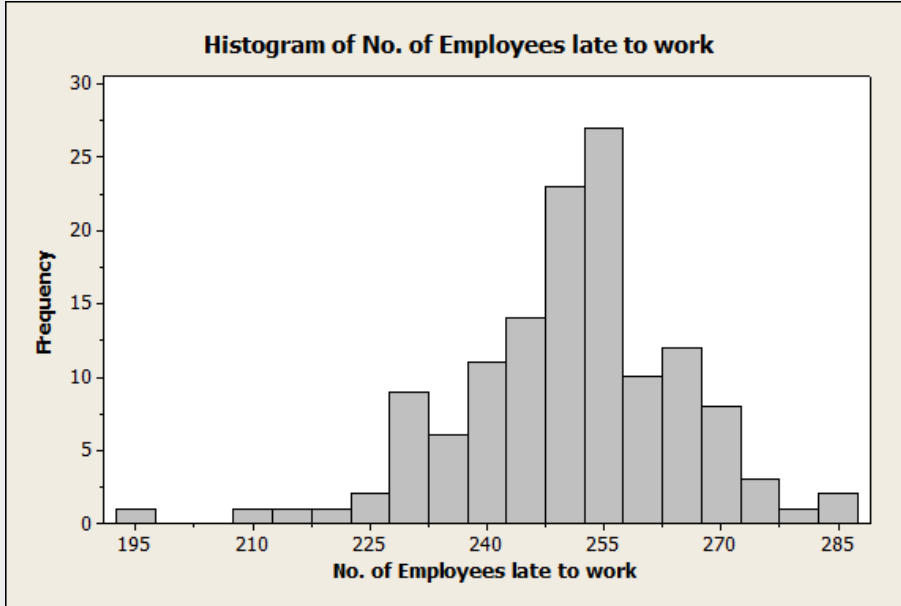
DATA FACTS:

- **TOTAL COUNT: 280 INSTANCES**
- **TOP 7 ROOT CAUSES IDENTIFIED**

INFERENCE:

- **GOVERNANCE ISSUE, MANUAL ENTRY/EXIST NOTIFICATION & WEAK MONITORING CONTRIBUTE TO 85.7% OF TOTAL INSTANCES**

SOLUTION: HISTOGRAM



DATA FACTS:

- **134 DATA POINTS FROM 1ST APR TO 10TH AUG**
- **DATA REPRESENTS NO. OF PEOPLE LATE TO WORK EACH DAY**

INFERENCE:

- **ABOUT 240 TO 270 EMPLOYEES ARE CONSISTENTLY LATE**
- **ONLY A FEW INSTANCES OF DAYS LESSER THAN 225 LATE ARRIVALS**
- **ALSO LESS INSTANCES OF DAYS GREATER THAN 270 LATE ARRIVALS**