Basic Performance Indices and Workloads

In the enclosed files `DataSet1.csv` and `DataSet2.csv`, are reported in the i-th row, the time of the i-th arrival (first column), and of the i-th departure (second column).

Using these data, compute:

- Arrival rate and throughput
- Busy time
- Utilization
- W
- Average Service Time
- Average Number of Jobs
- Average Response Time
- Probability of having m jobs in the station (with $m = 0, 1, 2, 3$)

Assuming that jobs are served in the order of arrival, one at a time, and not interrupted, compute:

- Probability of having a response time less than τ, (with $\tau = 1, 10, 50$)