

University Of Karachi, UBIT

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Class	BSSE - B
Course	Operation Research CSSE - 602
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Sourced at	January 7th, 2023
Data source	Jinnah International Airport

Observations

Name	Arrival Time	Service Time
Queuer	In Unix timestamp	in Minutes
1	1673060710	4
2	1673060890	4
3	1673061130	6
4	1673061610	4
5	1673061910	2
6	1673061970	9
7	1673062090	4
8	1673062330	3
9	1673062750	5
10	1673063110	9
11	1673063350	9
12	1673063530	2
13	1673064010	4
14	1673064070	8
15	1673064430	7
16	1673064730	6
17	1673064970	8
18	1673065330	4
19	1673065630	3
20	1673066410	7

Calculation for Mean

Since we got the arrival times therefore using this can calculate the inter arrivals for two customers. inter arrival is basically the difference of the arrival from previous customer. And now we are directly calculating the two values i.e. mean inter arrival and mean service time. Which is the summation of all values divided by number of values.

Average InterArrival Time	4.75 minutes
Average Service Time	5.4 minutes