

Assignment 3

AI1110: Probability and Random Variables

Indian Institute of Technology Hyderabad

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CBSE Statistics Grade 9

Exercise 14.1.1 Give five examples of data that you can collect from your day-to-day life.

Answer.

- i) Number of students from each department taking this course

Department	AI	BT	CS
Number of Students	31	8	65

TABLE 1

- ii) Maximum temperatures in Hyderabad for the past one week

Date (April)	10	11	12	13	14	15	16
Temp. (in °C)	37	36	38	36	37	36	35

TABLE 2

- iii) Average rainfall in Hyderabad during monsoon

Month	Jun	Jul	Aug	Sep	Oct
Rainfall (in mm)	209	242	222	243	150

TABLE 3

- iv) Number of students in various programs offered by the institute

Program	B.Tech	M.Tech	PhD
Number of Students	1036	917	1107

TABLE 4

- v) Number of medals won by India at the 2020 Summer Olympics

Medal	Gold	Silver	Bronze
Number of Medals	1	2	4

TABLE 5

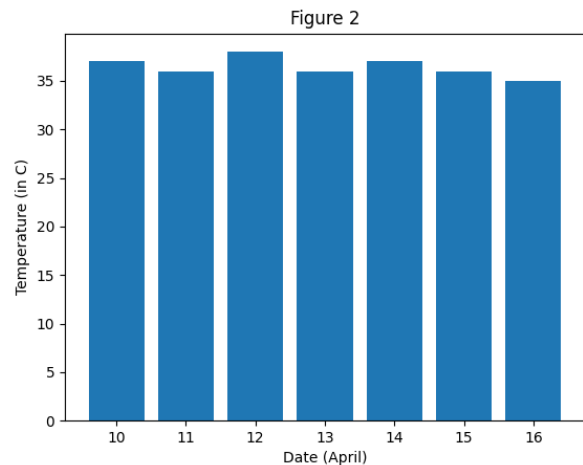
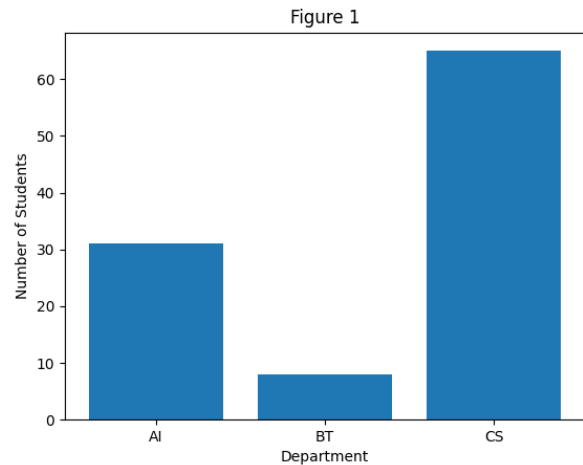


Figure 3

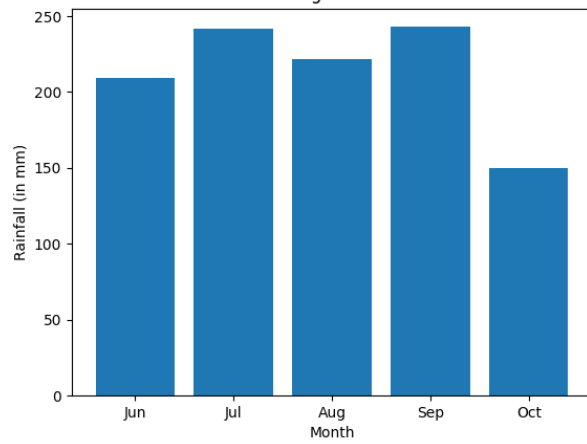


Figure 4

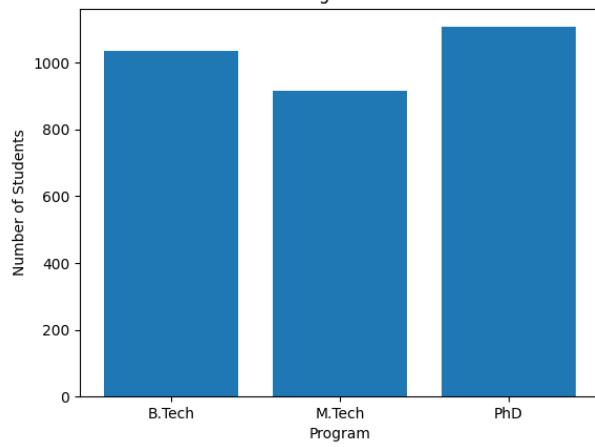


Figure 5

