

Lab Exercise 3 (Descriptive Statistics)

IT2110 - Probability & Statistics

Week 03

The data set is about accommodations of set of students who are studying at University College.

X1 = Age of Student

X2 = Gender

1 = Male

2 = Female

X3 = Accommodation

1 = Stays at Home

2 = Boarded Students

3 = Lodging

1. Identify the variables and import the given data set into R.
2. Analyze the data in a single variable at a time (univariate analysis).
3. Describe gender and accommodation together (bivariate analysis).
4. Describe age with gender/accommodation.
5. Find the mean age for all the combinations of gender and accommodation.

Hint: Use following format.

| | | Accommodation | | |
|--------|--------|---------------|----------|----------|
| | | Home | Boarded | Lodging |
| Gender | Male | Mean Age | Mean Age | Mean Age |
| | Female | Mean Age | Mean Age | Mean Age |