Assignment No. 3

Name: Ayesha Zahid

Roll No: FA21-BSE-003

Subject: Intro To DataScience

COMSATS University Islamabad, Lahore Campus

26-Nov-2023

Question 1:

1. How many instances does the dataset contain?

The dataset contain 110 instances.

2. How many input attributes does the dataset contain?

The dataset contains 7 input attributes (height, weight, beard, hair_length, shoe_size, scarf and eye_color)

3. How many possible values does the output attribute have?

The output attribute have 2 possible values, male and female.

4. How many input attributes are categorical?

4 input attributes are categorical (beard, hair_length, scarf, eye_color)

5. What is the class ratio (male vs female) in the dataset?

- Count of males: 62

- Count of females: 48

- The class ratio is 62:48