

HAMNA ASHRAF

SP20-BSE-047

SECTION-A

Q1: Provide responses to the following questions about the dataset.

1. How many instances does the dataset contain?

There are 100 instances in the dataset.

2. How many input attributes does the dataset contain?

There are 8 input attributes in the dataset.

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

The output attribute 'gender' have two possible values: 'Male' and 'Female'.

4. How many input attributes are categorical?

The categorical input attributes are 'beard', 'hair length', 'scarf', and 'eye color'.

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

To calculate the class ratio, you need to count the number of instances for each class. The ratio would be the number of instances for one class divided by the total number of instances.