

# Using NAIVE BAYES

1. DATASET

2. load & summarize dataset

3. map gender; as it is in text form

4. Segregation into X & Y

5. replacing the EMPTY CELL by filling it with the mean of the data.

6. train & test

7. Algorithm NAIVE BAYES.

$$P(A|B) = \frac{P(B|A) * P(A)}{P(B)}$$

probability of event occurring based upon prob of another event.

all events independent though.

8. Training

9. Validation

10. Prediction