

User Input Features

Adjust the input parameters to predict the penguin species.

Island

Biscoe

Sex

Male

Bill Length (mm)

51.80

32.1059.60

Bill Depth (mm)

15.30

13.1021.50

Flipper Length (mm)

200.97

172.00231.00

Body Mass (g)

4207.06

2700.006300.00



# Penguin Species Prediction App

## Prediction Result

The predicted species is: Adelie 

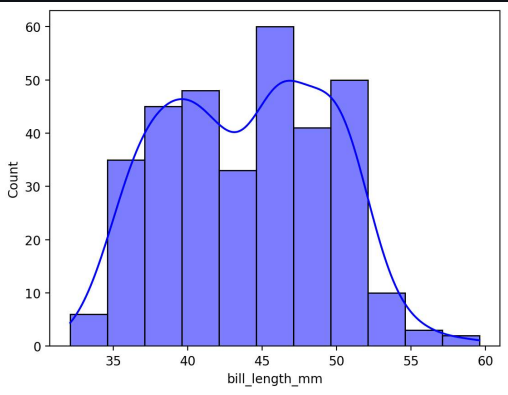
## Prediction Probabilities



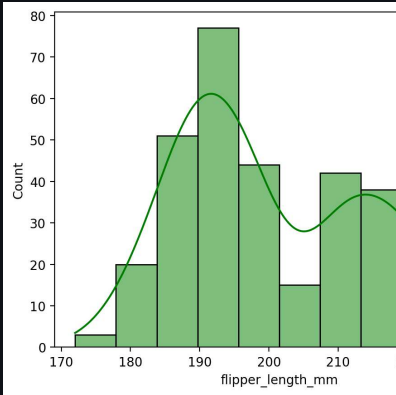
## Data Insights

### Feature Distribution

#### Distribution of Bill Length

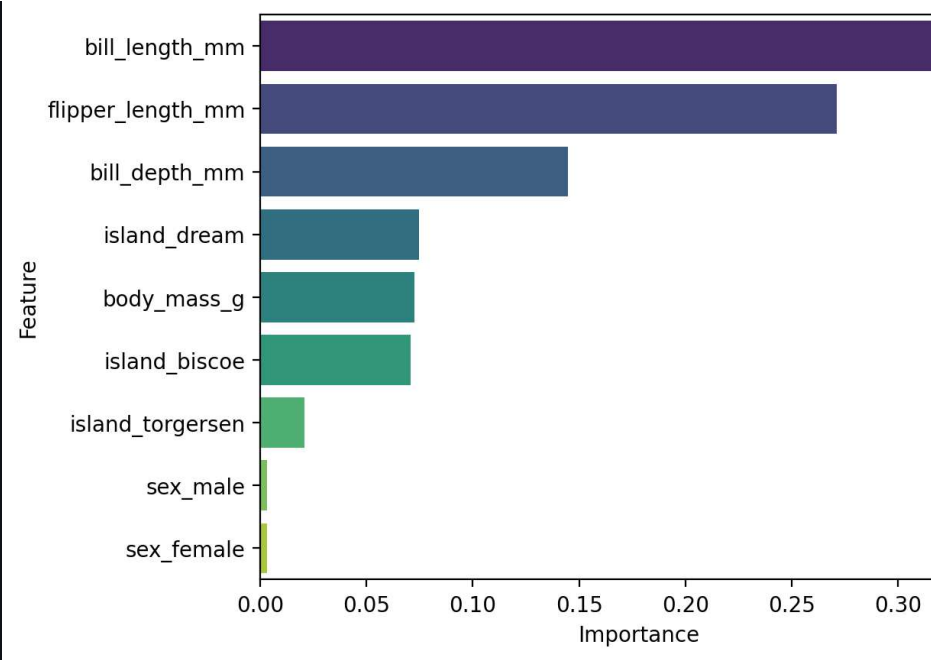


#### Distribution of Flipper Length



## Feature Importance

Penguin Species Predictor



Dataset

Below is a preview of the dataset used for training the model:

	species	island	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g	sex
0	Adelie	Torgersen	39.1	18.7	181	3,750	male
1	Adelie	Torgersen	39.5	17.4	186	3,800	female
2	Adelie	Torgersen	40.3	18	195	3,250	female
3	Adelie	Torgersen	36.7	19.3	193	3,450	female
4	Adelie	Torgersen	39.3	20.6	190	3,650	male
5	Adelie	Torgersen	38.9	17.8	181	3,625	female
6	Adelie	Torgersen	39.2	19.6	195	4,675	male
7	Adelie	Torgersen	41.1	17.6	182	3,200	female
8	Adelie	Torgersen	38.6	21.2	191	3,800	male
9	Adelie	Torgersen	34.6	21.1	198	4,400	male