



**Data Glacier**

Your Deep Learning Partner

# Flask ML model deployment

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# Model

Data was obtained using the fish market dataset on Kaggle. We Scaled the data to fit the Logistic Regression model. This model was used to predict the fish type based on the dimensions and weight of the fish. At the end of fitting this model we pickled the model and the data set so that we could deploy the model on flask. (Code required would be under flask\_model on GitHub).

# Template

We created a simple HTML template to allow us to input the fishes feature and to show the prediction. (This is stored on GitHub under templates)

# Application

We first desterilized the pickled files of the model and the data and initialized the application using flask. Firstly, we rendered the HTML template to allow the input features.

Then we request the inputted features and scaled them according to the data so that they fit the models scaling. Finally, we make predictions and render them to the application.

(this code can be found on GitHub under app.py)

# Thank You