

Demo model deployment on Flask

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Purpose: Deploy a toy model on Flask using serialization

Step1: Model building

To our demo, we use breast cancer dataset which is a binary classification dataset.

Data Set Information:

Features are computed from a digitized image of a fine needle aspirate (FNA) of a breast mass. They describe characteristics of the cell nuclei present in the image.

Our aim is to make a binary classification (Diagnosis (1 = malignant, 0 = benign)) based on input features

A logistic linear regression model has been trained and evaluated

Step 2: Serialization of the model

After creation of the model, an instance of the class of the model has been serialized on the disk

Step 3: Deployment on Flask

We first deserialized the model previously serialized

Then we used an instance of that class to our prediction purposes