**Build your Machine Learning Web App with Streamlit and Python**

Data scientist and ML experts often find it difficult to showcase their findings/result to others. Mostly ,power point or any web development tools are required to explain the results. With the introduction of Streamlit , it has become easier to develop web apps with python. We can also create multiple models and show the results based on the user selection.

Streamlit is an open-source python framework that allows us to create interactive websites for machine learning and data science related requirements. In this article, we will develop a web app for classification algorithm where the user will be able to select the model, the model parameters and visualize the corresponding results.

1. **Data Set :**

For demonstration purpose, I have taken a smaller diabetes dataset from the following link (<https://www.kaggle.com/uciml/pima-indians-diabetes-database>). The objective of the dataset is to predict whether a patient is diabetic or not based.

1. **Installing Streamlit :**

Let us begin by installing Streamlit using the command :

pip install streamlit

Run the following command to ensure that the installation is working,

Streamlit hello