**Machine learning model with IBM Watson**

**Phase 1: Problem Definition and Design Thinking**

**Problem Definition:**

 The project involves training a machine learning model using IBM Cloud Watson Studio and deploying it as a web service. The goal is to become proficient in predictive analytics by creating a model that can predict outcomes in real-time. The project encompasses defining the predictive use case, selecting a suitable dataset, training a machine learning model,deploying the model as a web service, and integrating it into applications.

**Design Thinking:**

**1.Predictive Use Case**:

Define a use case for predictive analytics, such as predicting customer churn or product demand.

**2.Dataset Selection:**

Choose a relevant dataset to train the machine learning model.

**3.Model Training:**

Select a suitable machine learning algorithm and train the model using IBM Cloud Watson Studio.

**4.Model Deployment:**

Deploy the trained model as a web service using IBM Cloud Watson Studio's deployment capabilities.

**5.Integration**:

Integrate the deployed model into applications or systems to make realtime predictions.