PROJECT REPORT - IBM BUILD-A-THONTelecom Customer Churn Prediction using Watson Auto AI

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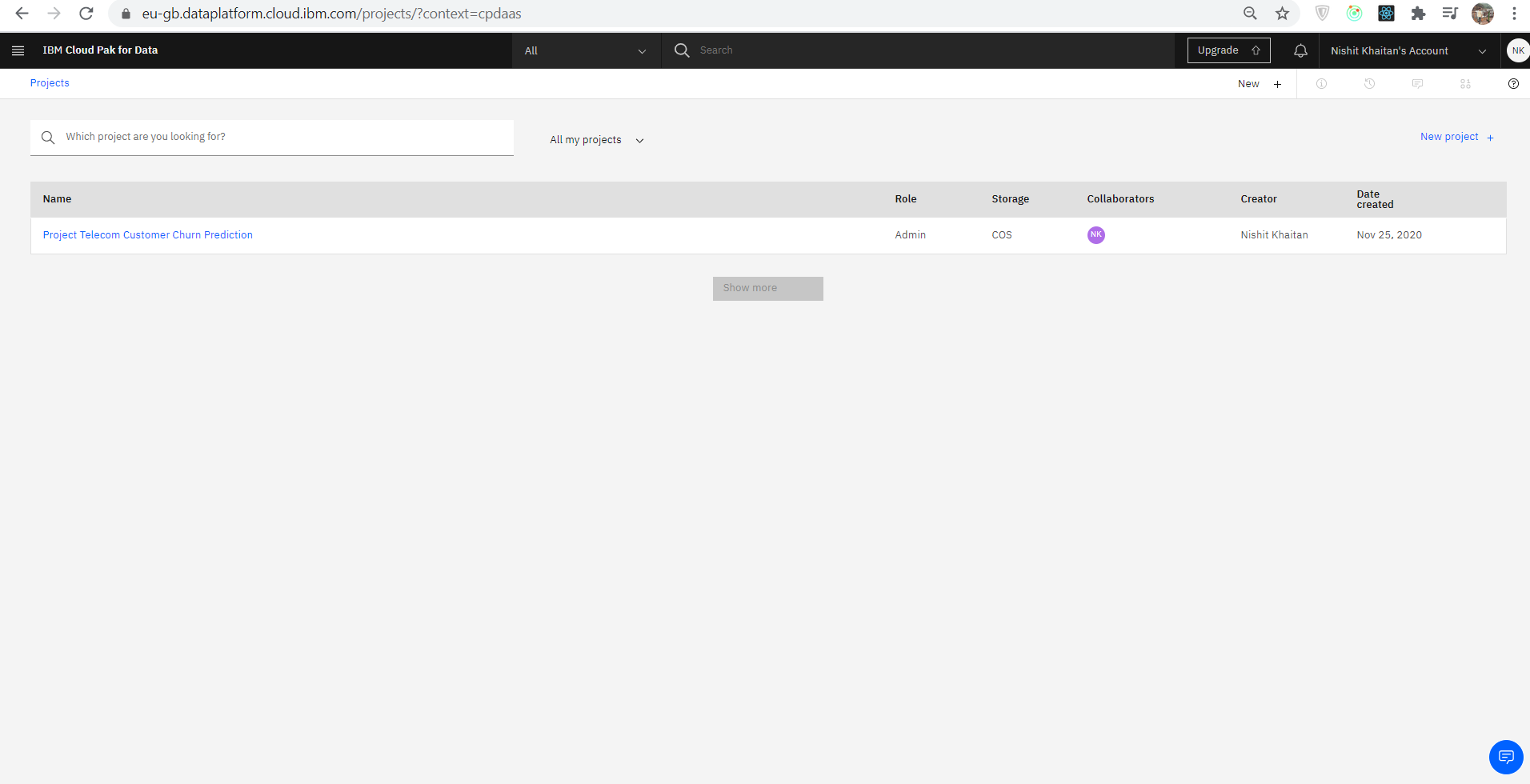
The software specification for the proposed system is as follows:

**IBM Watson Studio:**Watson ML Package - 'Lite'  
Instance Type - 'v2'  
Environment Definition - Default Python 3.6XS  
Virtual Hardware Configuration - 2 vCPU 8GB RAM  
COS Instance Region - 'London'

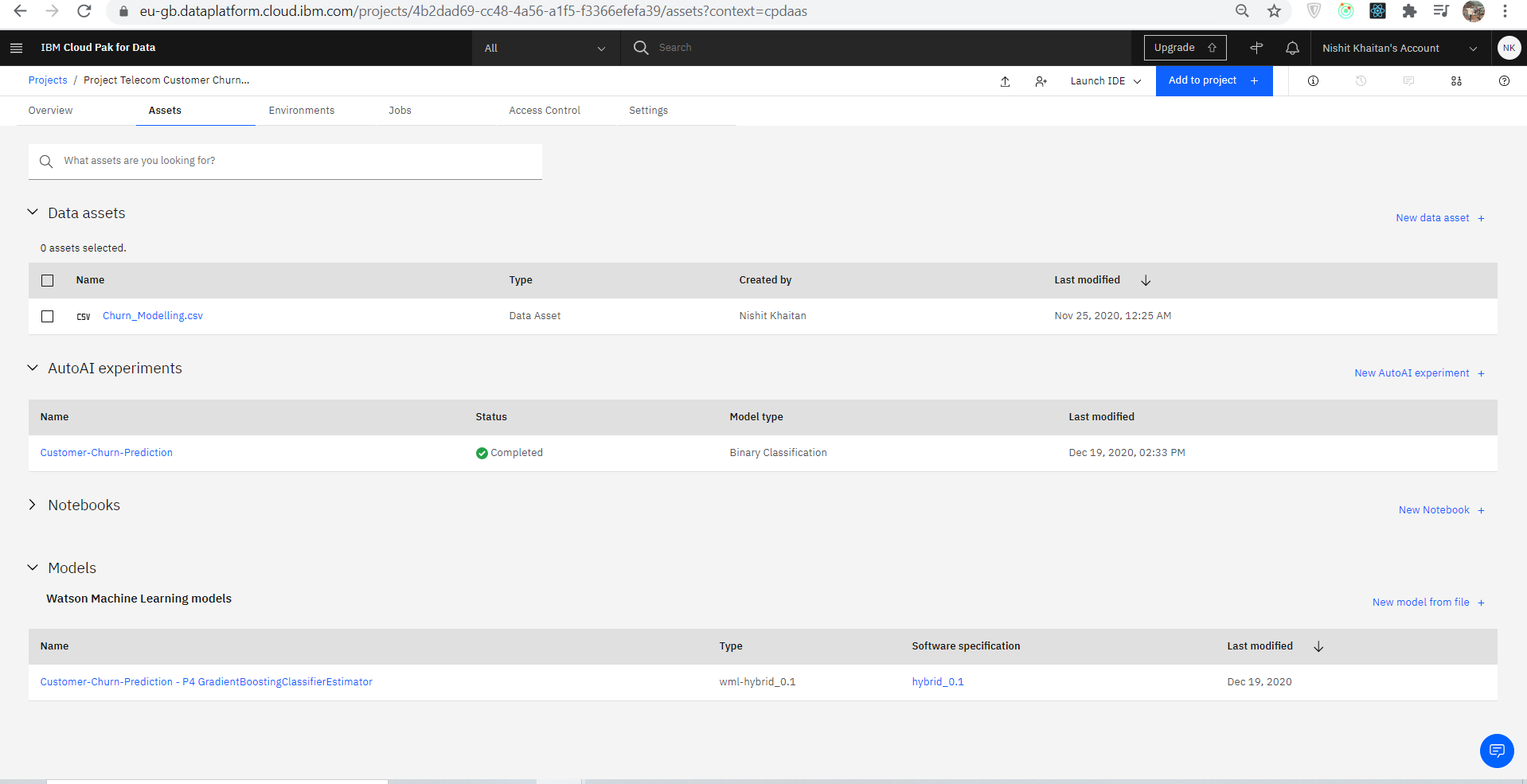
**Python Flask Application:**HTML5  
Flask

**Python Libraries required:**scikit-learn  
pandas  
numpy  
seaborn  
json  
sklearn.preprocessing  
sklearn.model\_selection  
sklearn.feature\_selection

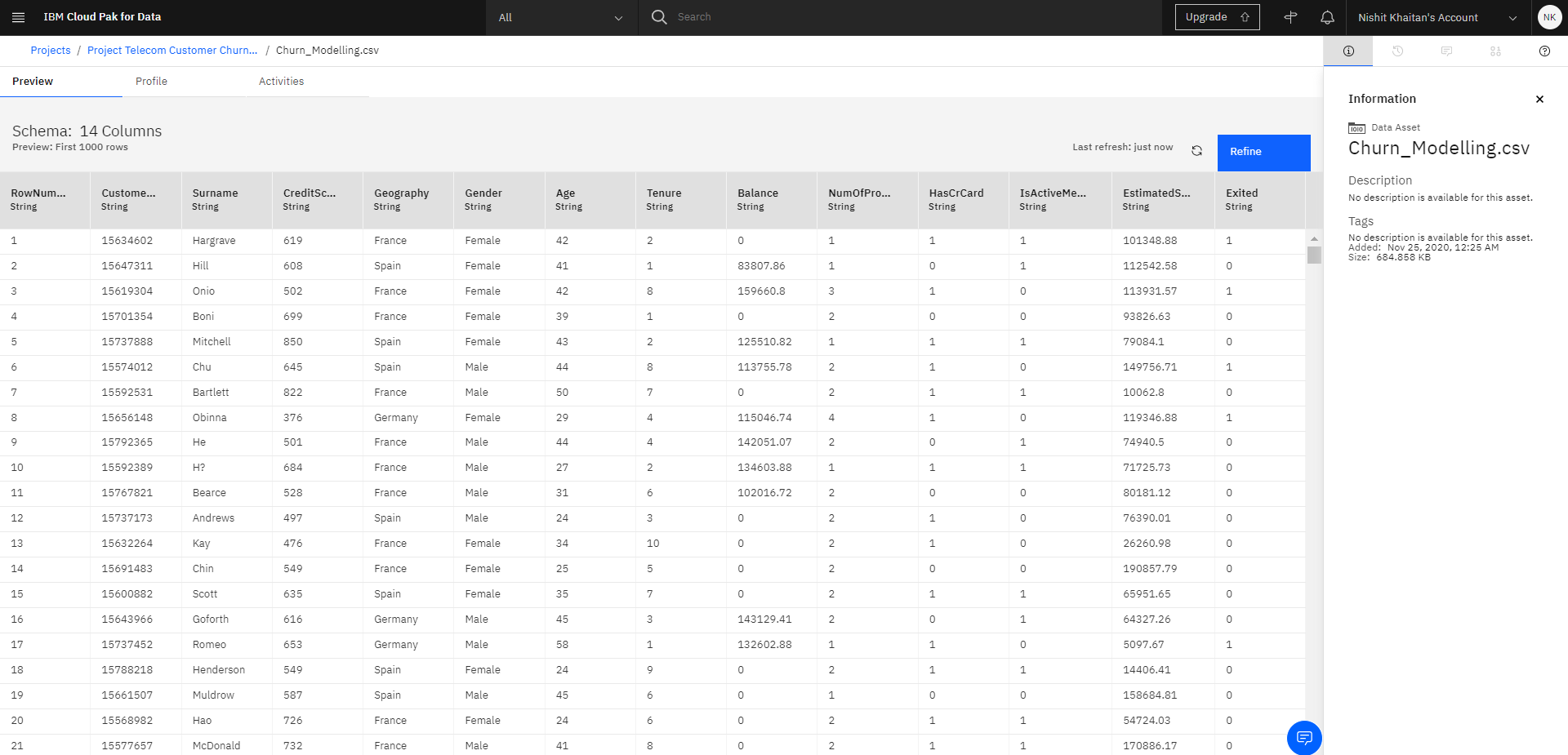
* Projects Page-



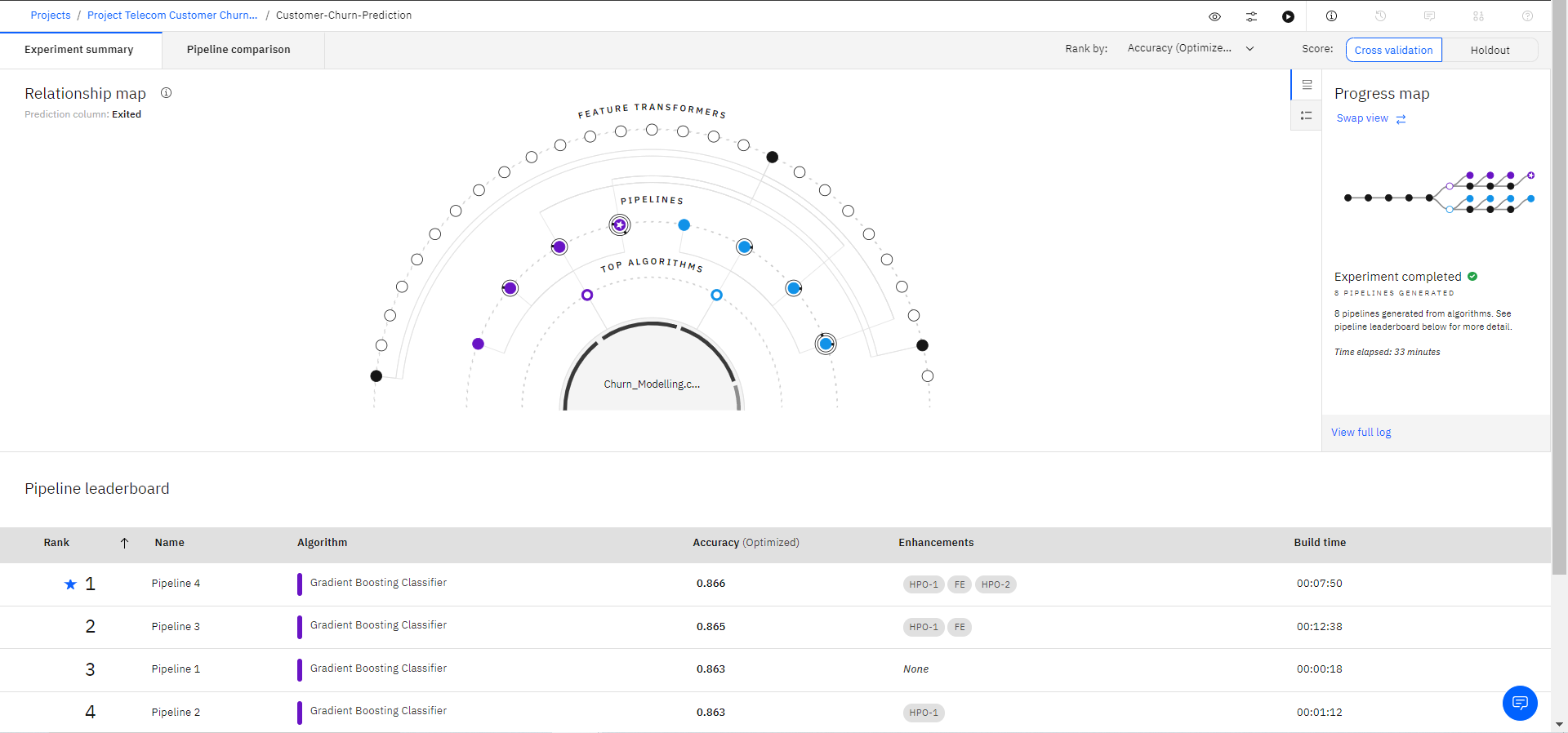
* Creation of Project and addition of assets-



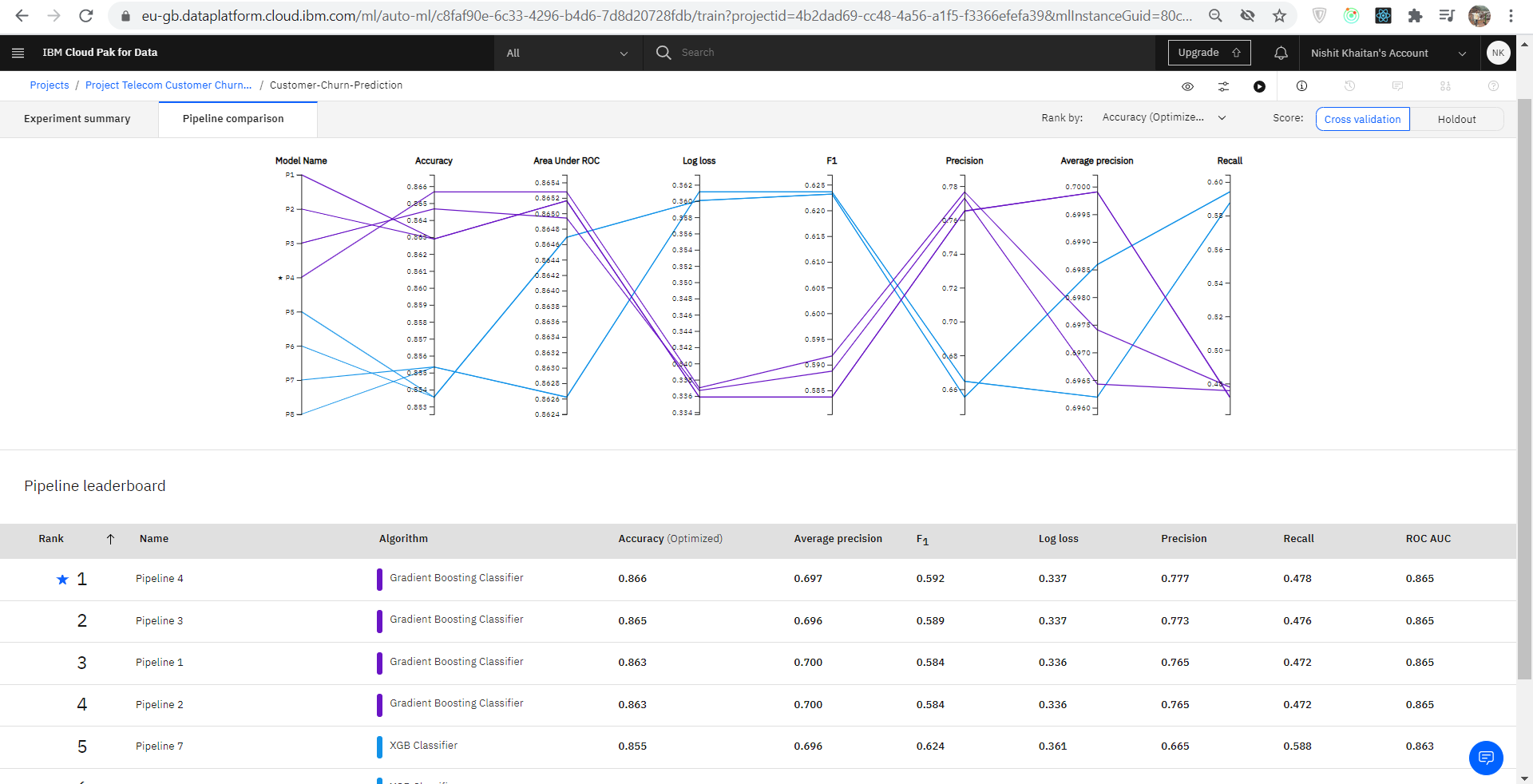
* The dataset –



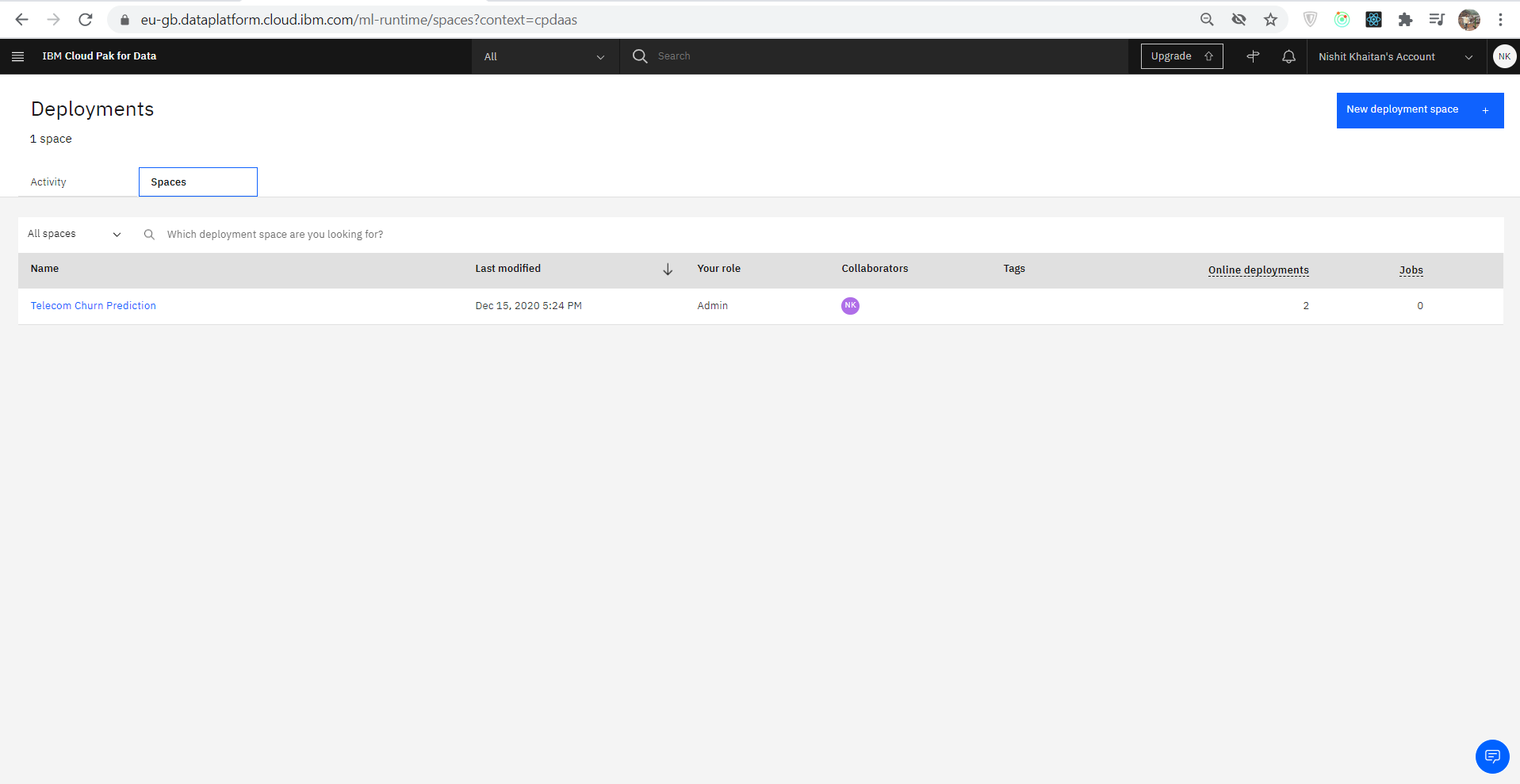
* The experiment summary-

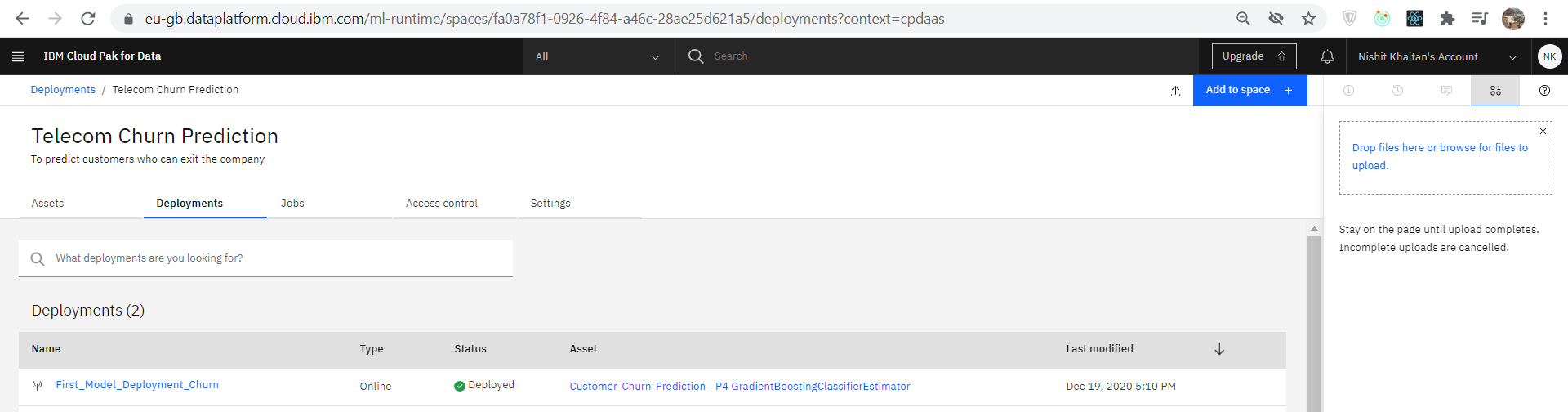


* Pipeline Comparison

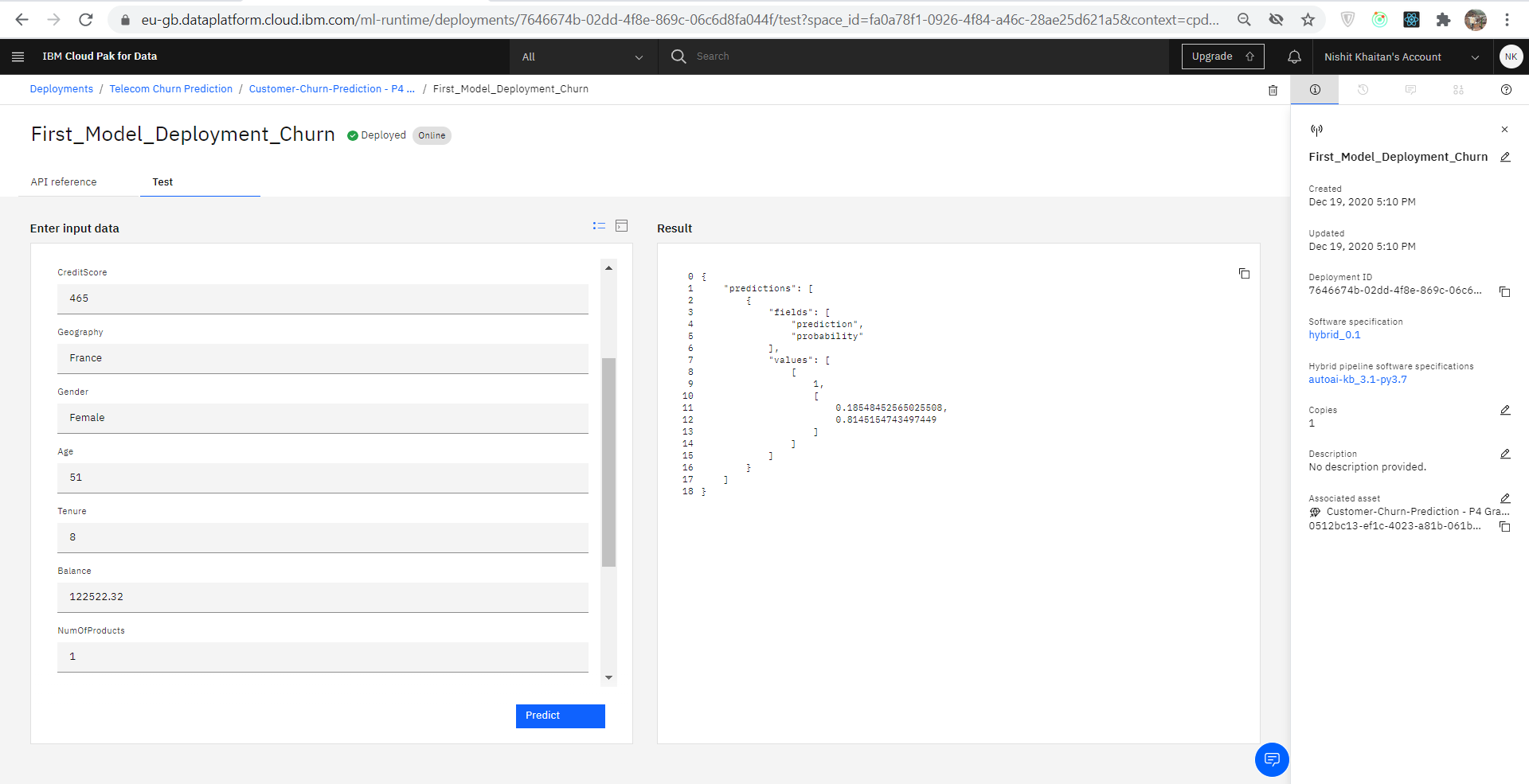


* Deployment Stage-

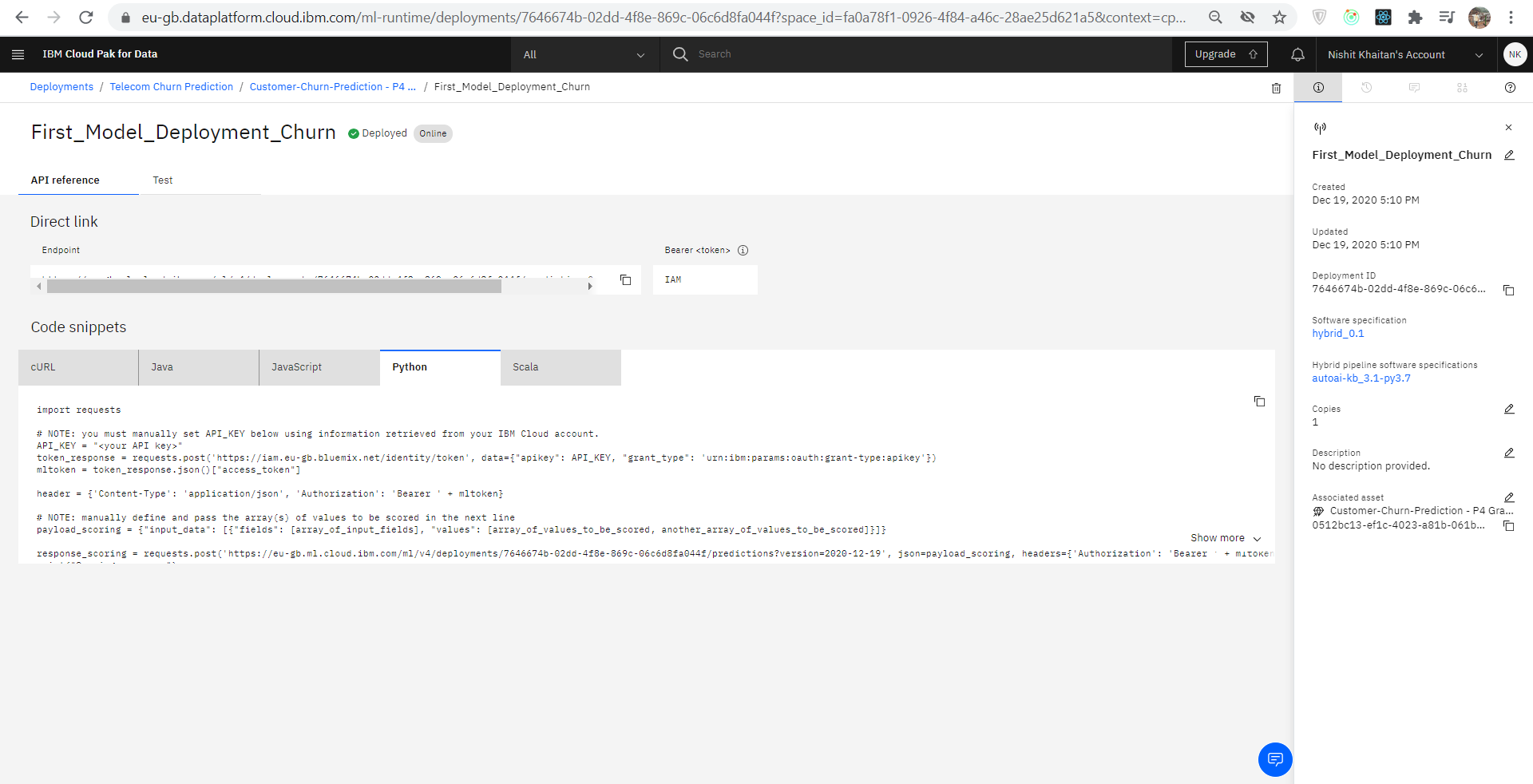




* Testing the model:



* API Snippet:



Web Application:

