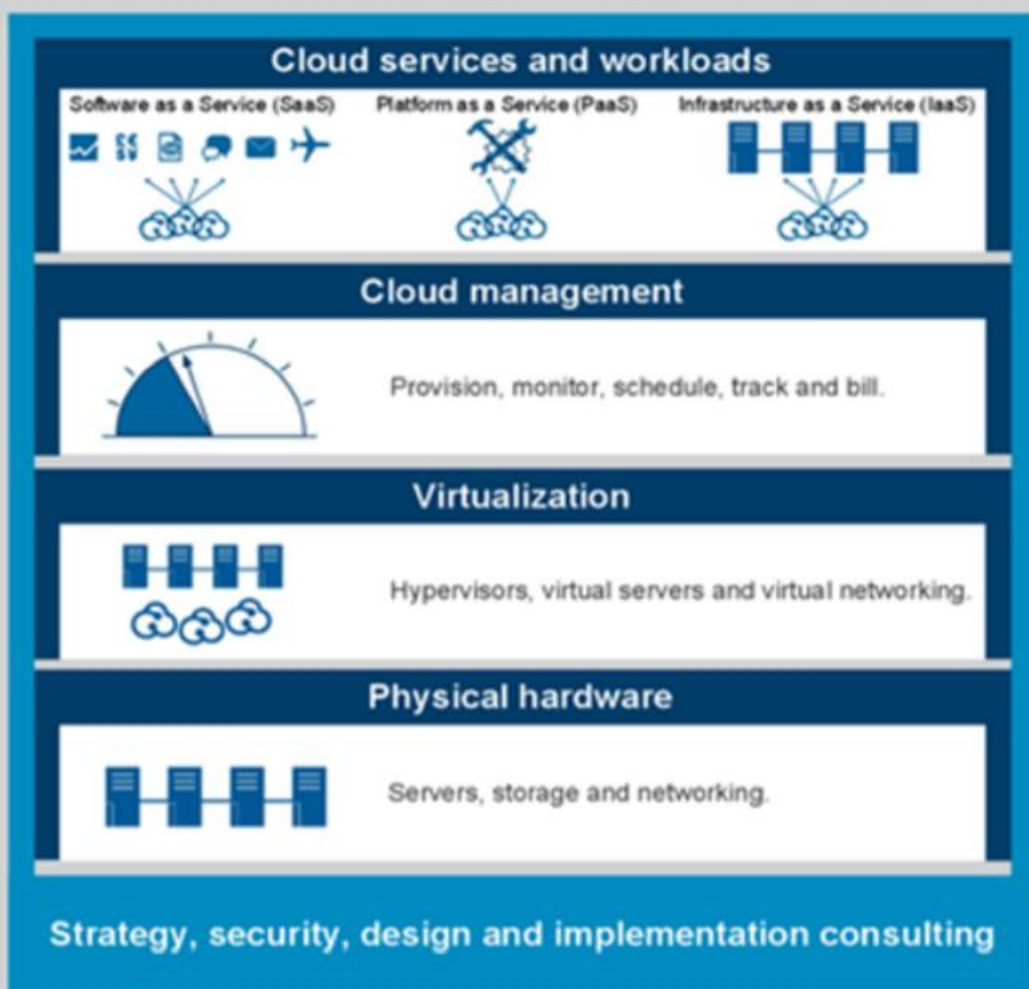


IBM SmartCloud delivered by public, private or hybrid models



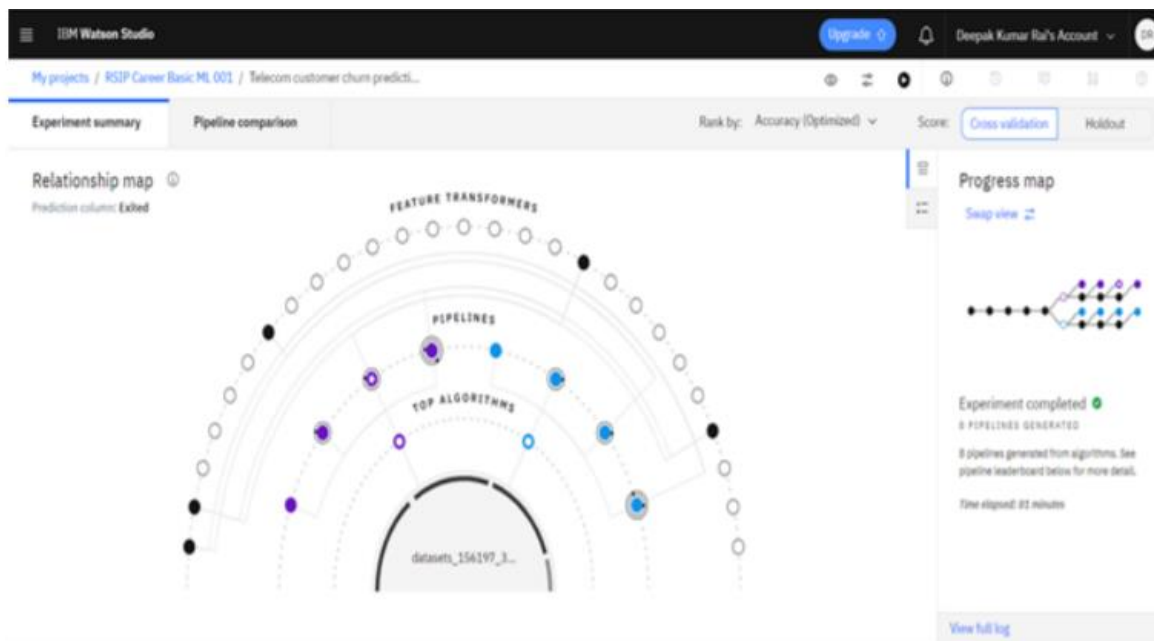


Fig:Result of Running Pipelines

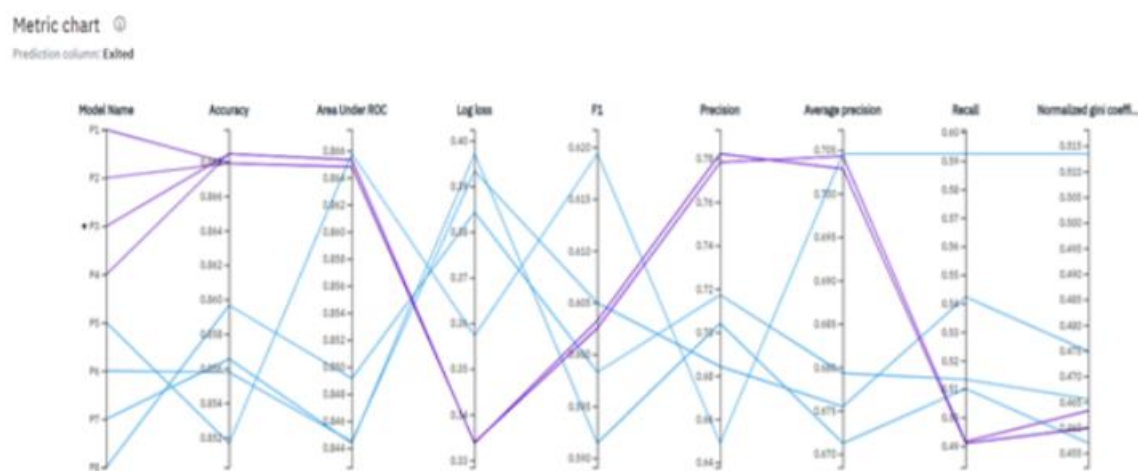


Fig:Pipeline Comparison

Rank	Name	Algorithm	Accuracy (Optimized)	Enhancements	Build time
1	Pipeline 3	Gradient Boosting Classifier	0.868	HPO-1 FE	00:04:13
2	Pipeline 4	Gradient Boosting Classifier	0.868	HPO-1 FE HPO-2	00:02:23
3	Pipeline 1	Gradient Boosting Classifier	0.868	None	00:00:07
4	Pipeline 2	Gradient Boosting Classifier	0.868	HPO-1	00:00:35
5	Pipeline 8	XGB Classifier	0.860	HPO-1 FE HPO-2	00:20:44
6	Pipeline 7	XGB Classifier	0.857	HPO-1 FE	00:44:58
7	Pipeline 6	XGB Classifier	0.856	HPO-1	00:05:40
8	Pipeline 5	XGB Classifier	0.852	None	00:00:03

Eig:Pipeline Leaderboard

IBM Cloud

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Node RED POZVD Running [Visit App URL](#) [Add tags](#)

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Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

Availability Monitoring

Instances

Health

100%

1/1 instance(s) are running

Instances

1

MB memory per instance

0 256 256

Runtime cost

Current and estimated cost excludes connected services.

US\$ 0.00

Current charges for billing period

US\$ 0.00

Estimated total for billing period Jun 1, 2020 - Jun 30, 2020

Connections (1)

node-red-pozvd-cloudant-1593322754446-97211

Runtime

SDK for Node.js™

256

Total MB allocation

0 MB still available

Used Free

FEEDBACK

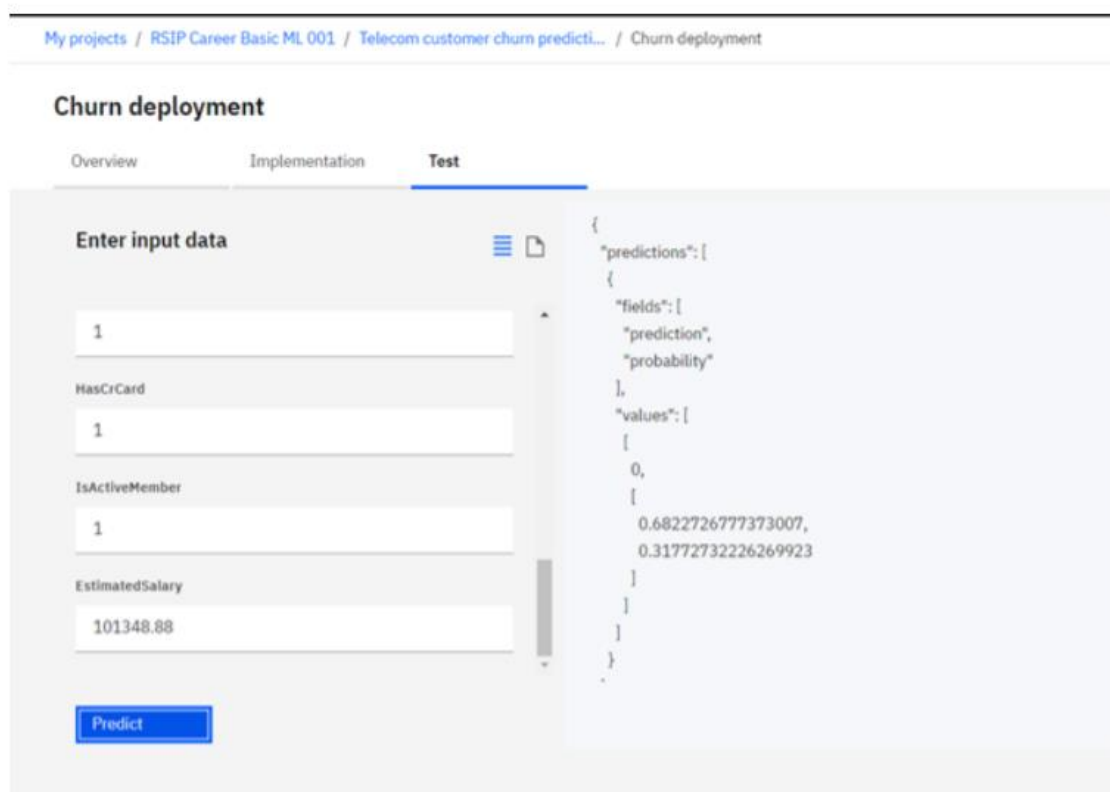
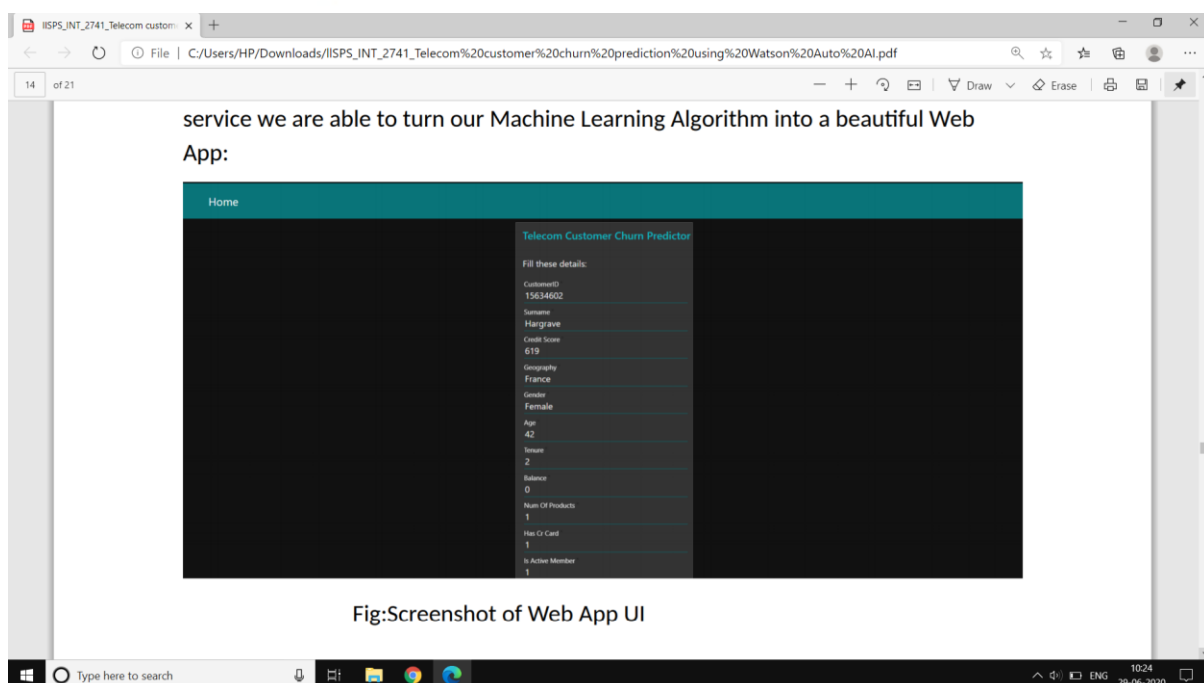


Fig:Test Run of Project



Customer Churn Prediction

Churn out (if 1=yes,if 0=no) **0**

Row Number *

5

Customer Id *

15737888

Surname *

mittchell

Credit Score *

850

Geography *

spain

Gender *

female

Age *

43

Tenure *

2

Balance *

125510.8

No. of Products *

1

Has Credit Card *

1

Is Active Member *

1

Estimated Salary *

7908.1

SUBMIT

CANCEL

Hargrave	
Credit Score	
619	
Geography	
France	
Gender	
Female	
Age	
42	
Tenure	
2	
Balance	
0	
Num Of Products	
1	
Has Cr Card	
1	
Is Active Member	
1	
Estimated Salary	
101348.88	
SUBMIT	CANCEL