

Name: Kadiyala Meghanath
Reg no: 19MIM10097

campus: VIT Bhopal

Smarinternzzz

Assignment – 03

Diabetes Dataset

New project

Define details

Name

Description

Choose project options

☐ Restrict who can be a collaborator ⓘ

Project includes integration with [Cloud Object Storage](#) for storing project assets.

Storage

Cancel

Create

Create New Project

Projects / Classification of Diabetes

Launch IDE

Overview


Assets

Jobs

Manage

Assets


No assets created with tools yet.



[View all](#)

Resource usage

For this month in this project

 CUH

Readme

Type project notes, reminders, or instructions

Project history

No notifications

You will see your most recent notifications here.

Data in this project

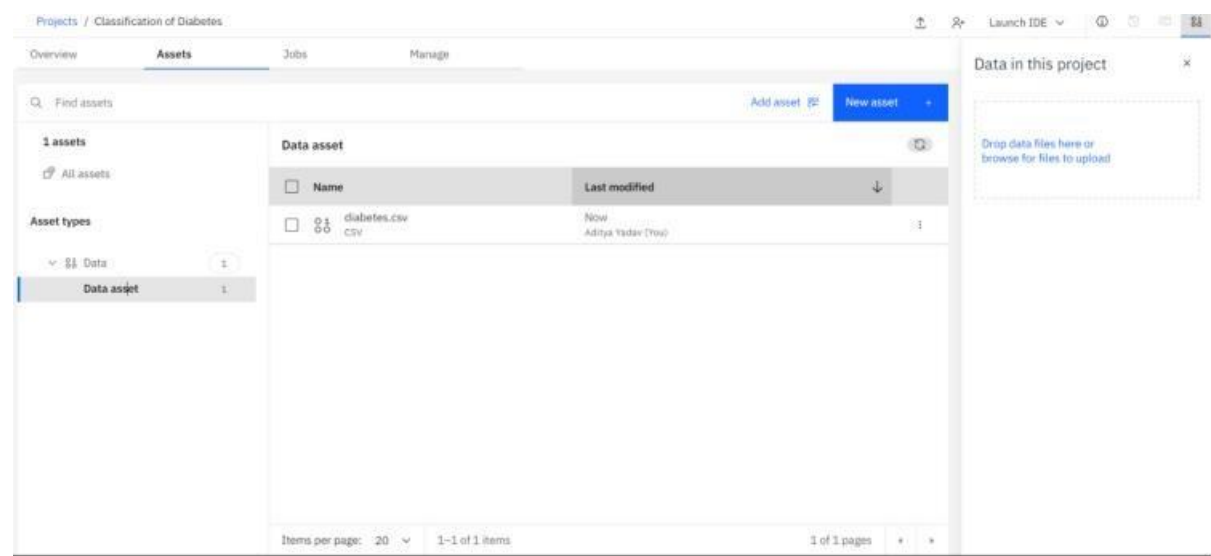
Drop data files here or browse for files to upload

diabetes.csv

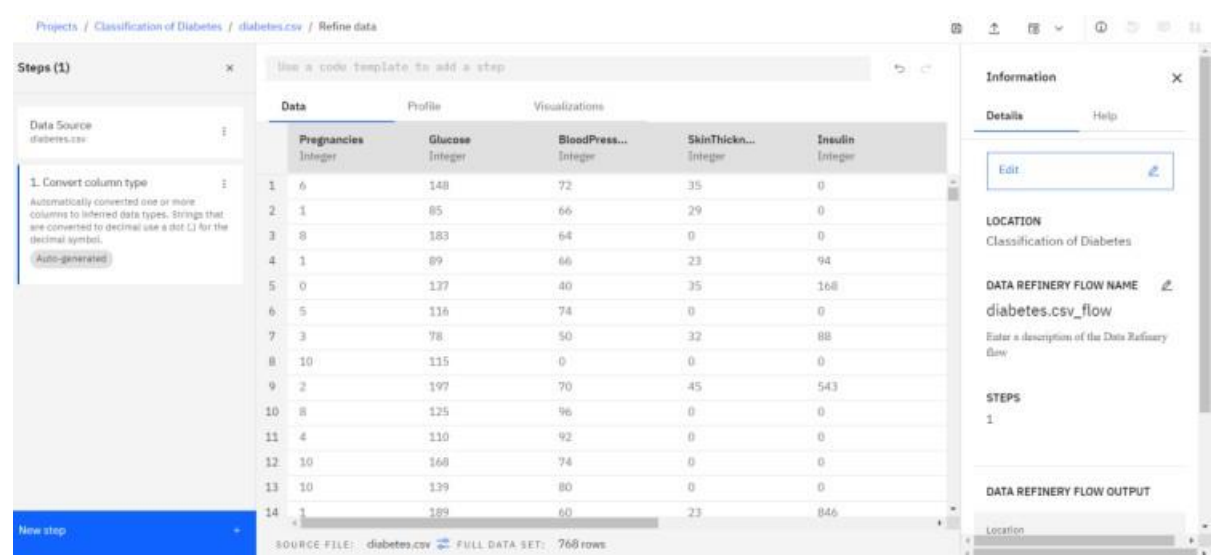
Uploaded!

[Dismiss](#)

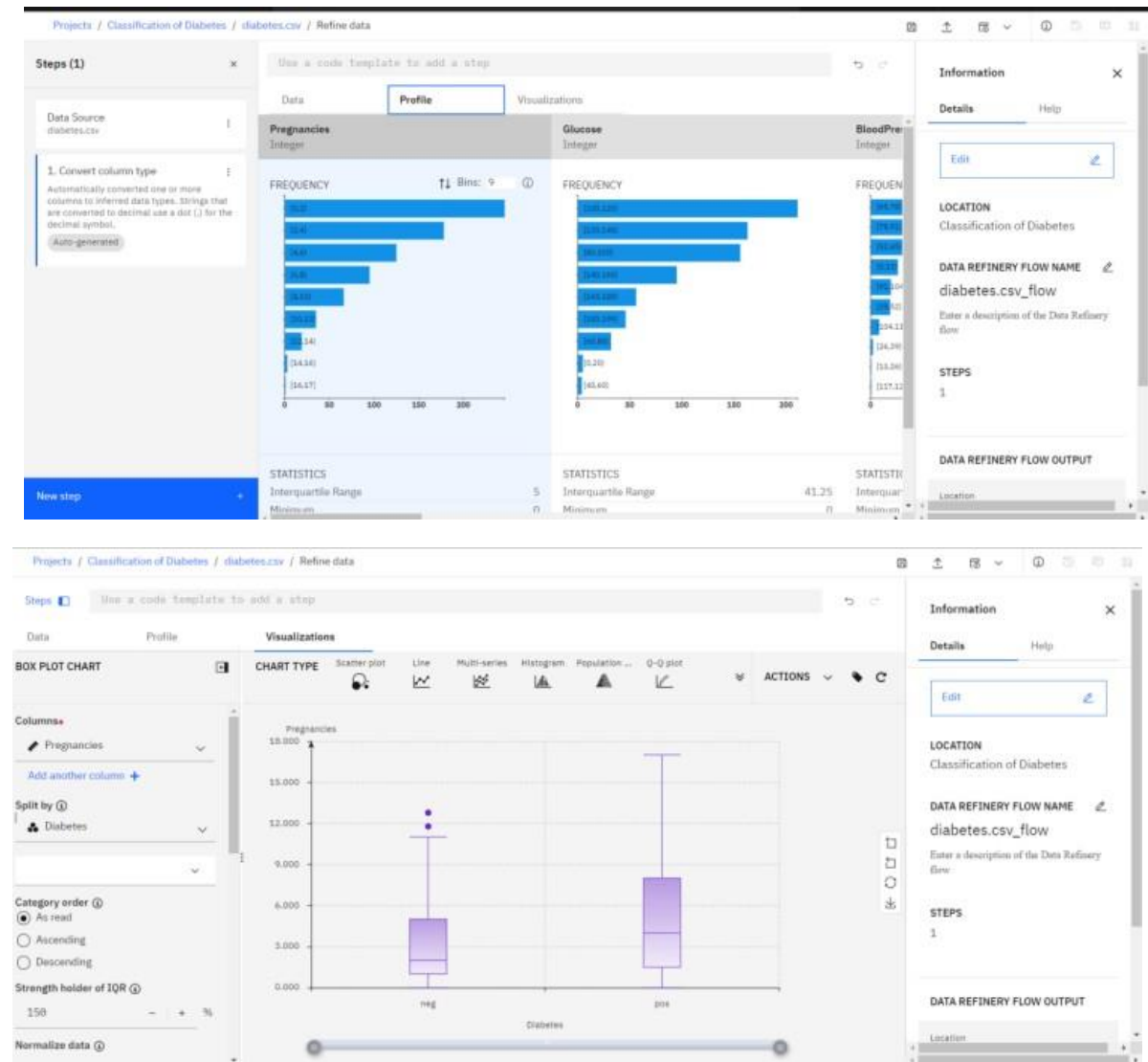
The Dataset



Refine Data



Profile of our data



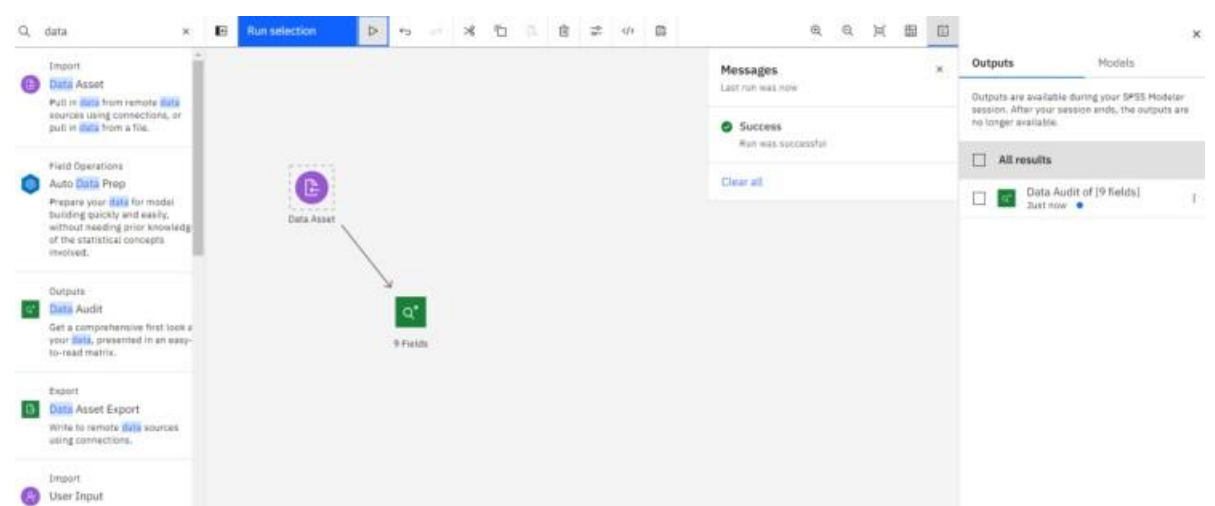
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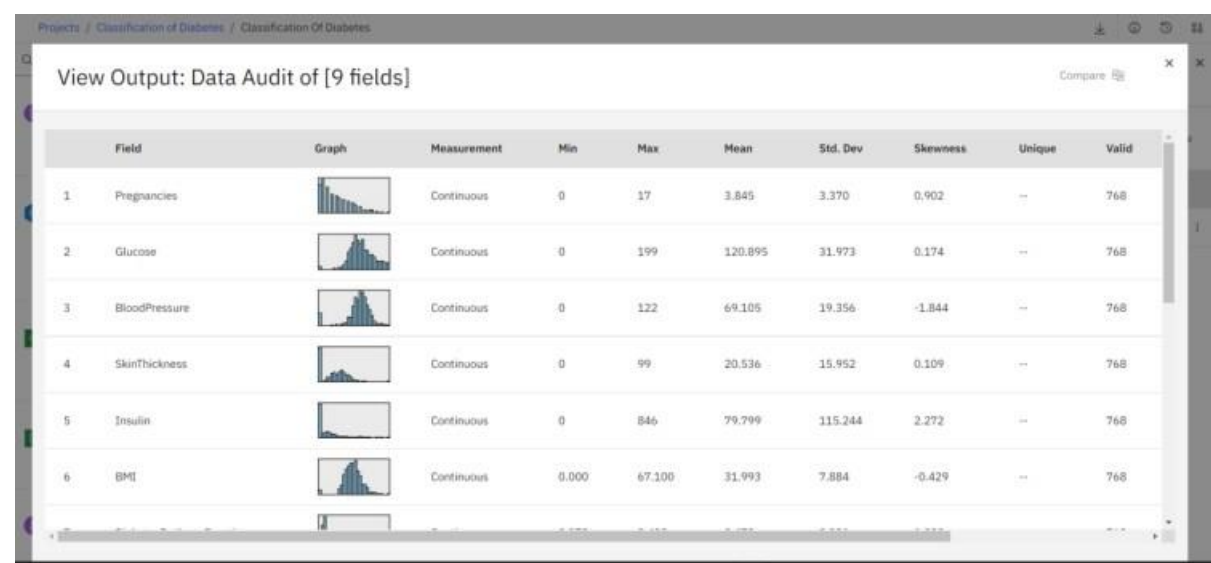
Graph of Insulin and Database



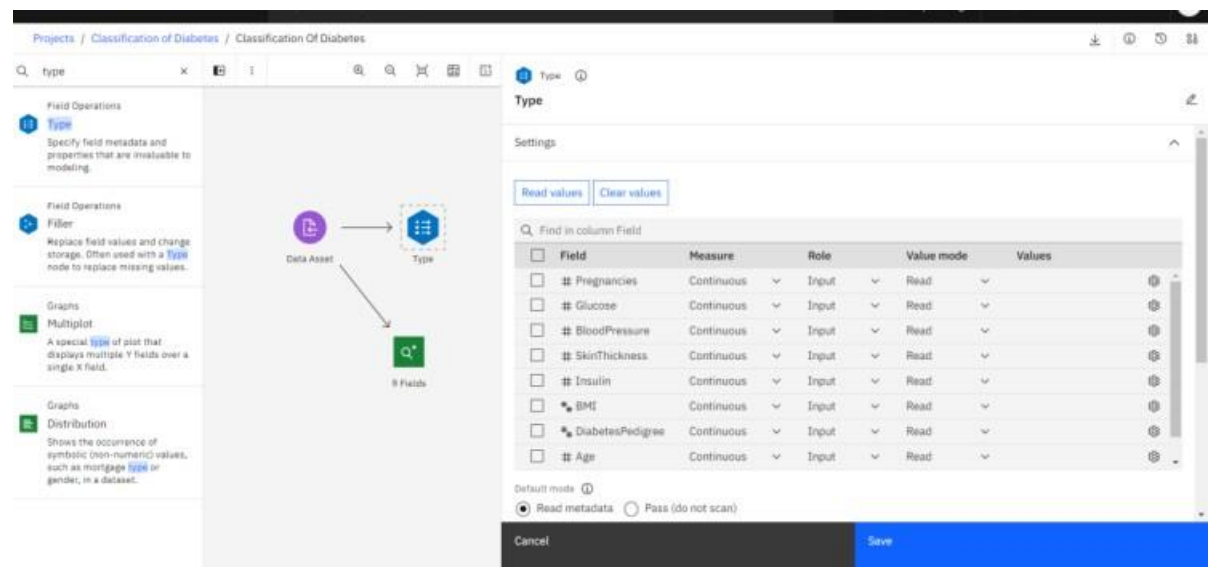
Create SSP modeller and add dataset and audit



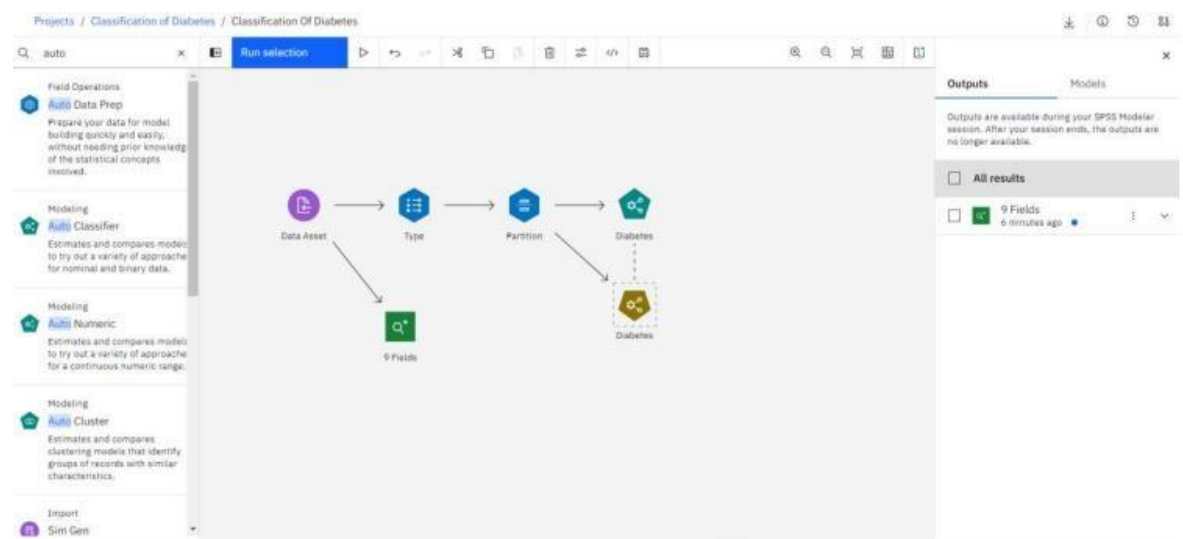
Output of Audit



Target



Auto Classifier Model



Tabular View of Output

Projects / Classification of Diabetes / Classification Of Diabetes

View Model: Diabetes

Auto Classifier

Models

Auto Classifier - Models

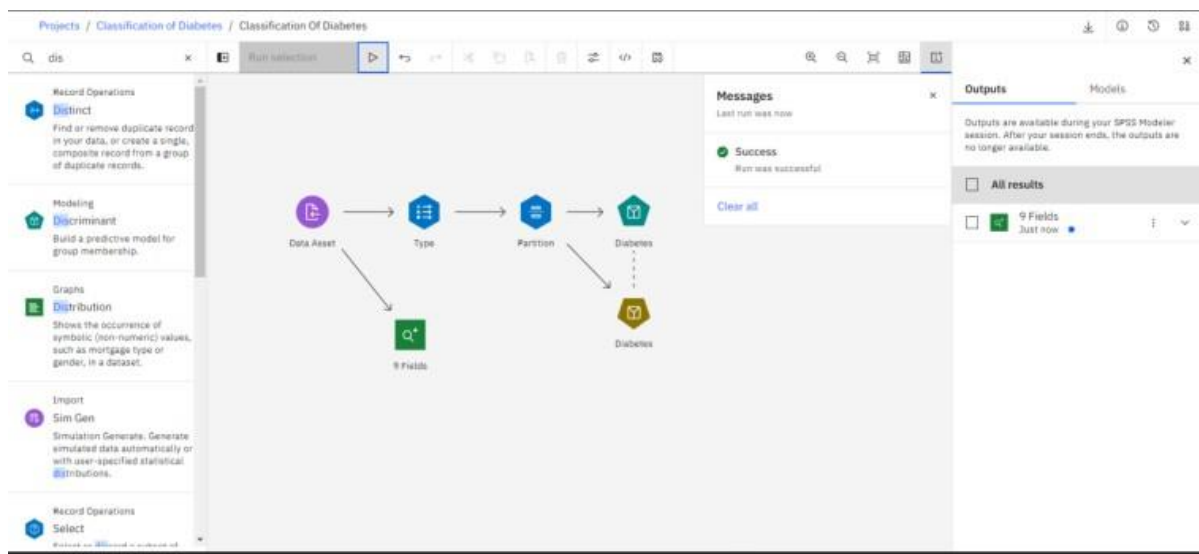
TARGET : DIABETES

USE	MODEL NAME	ESTIMATOR	BUILD TIME (MINS)	NO. FIELDS USED	ACCURACY	ACCUMULATED ACCURACY	AREA UNDER CURVE	ACCUMULATED AUC	RECALL	PRECISION
<input checked="" type="checkbox"/>	Logistic regression.1	Normal Regression	< 1	8	68.293	68.293	0.779	0.779	0.412	0.700
<input checked="" type="checkbox"/>	Discriminant 1	Discriminant	< 1	8	73.171	73.171	0.776	0.776	0.588	0.714
<input checked="" type="checkbox"/>	Tree-03.1	CHAID	< 1	4	73.171	73.171	0.766	0.766	0.471	0.800
<input checked="" type="checkbox"/>	CHAID.1	CHAID	< 1	4	73.171	73.171	0.749	0.749	0.529	0.750
<input checked="" type="checkbox"/>	C5.1	C5.0	< 1	7	69.512	69.512	0.712	0.712	0.529	0.687

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Discriminant Model



Model View

