

Assignment - 3

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Campus: VIT, Vellore

The screenshot shows the IBM Watson Studio interface with a data refinement flow for the 'diabetes.csv' dataset. The flow consists of one step:

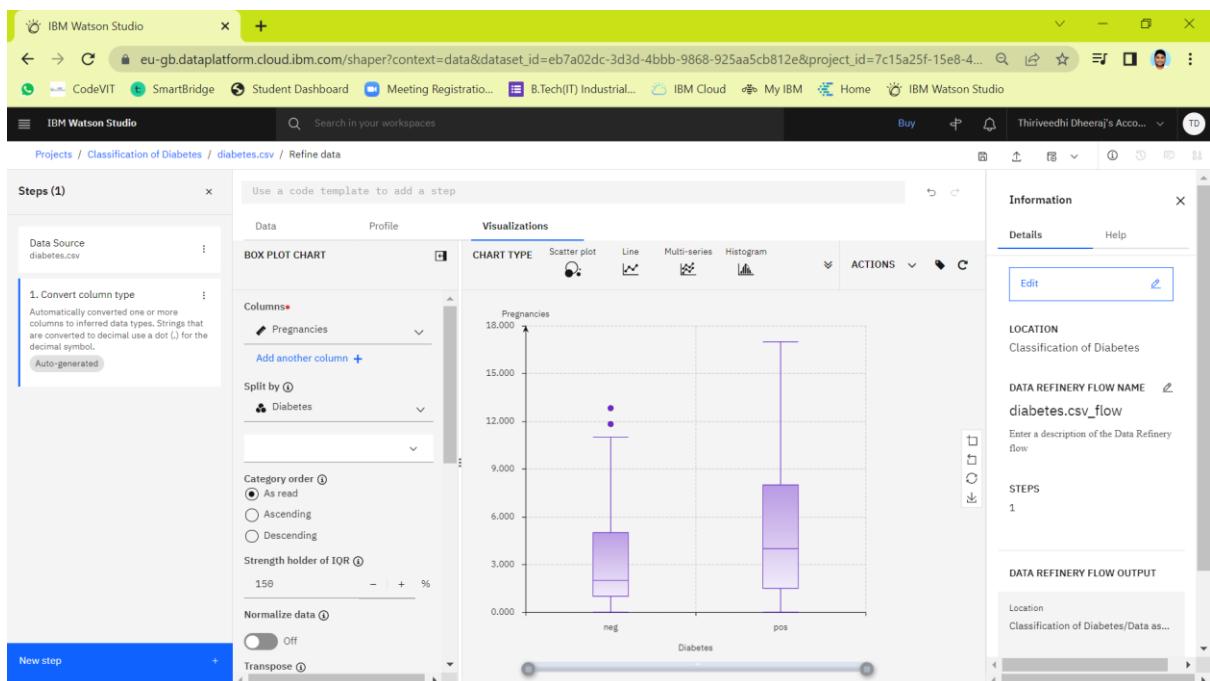
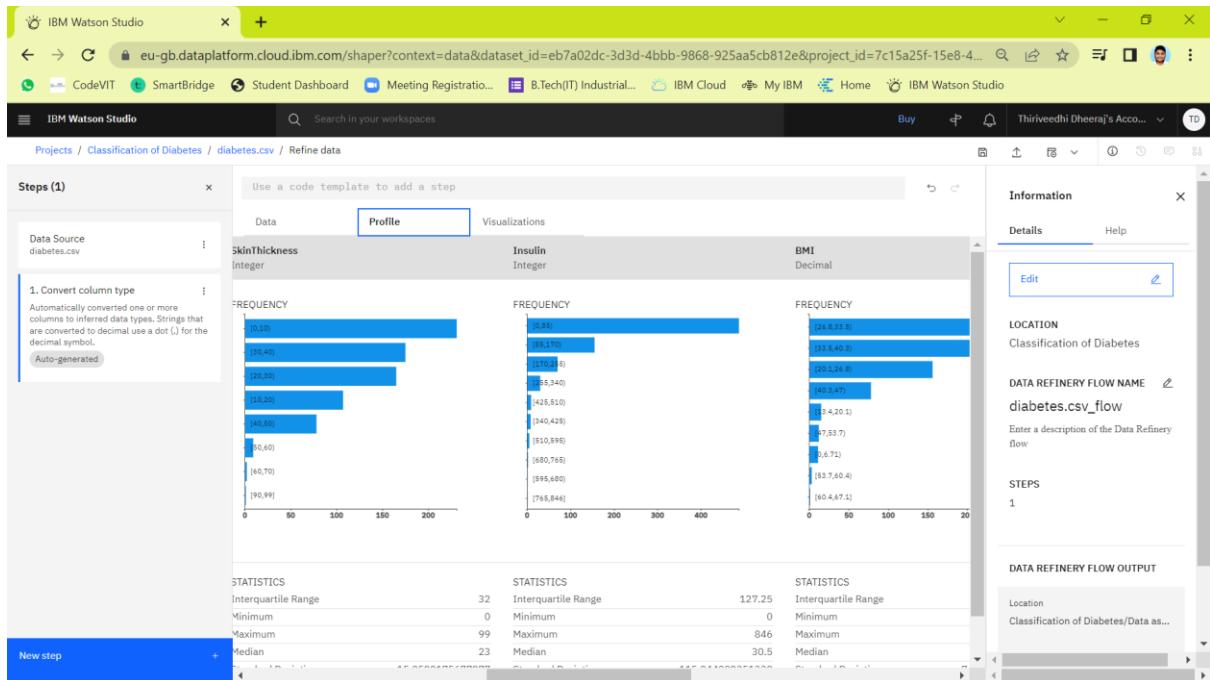
- Step 1:** Converts column types. A note indicates that the 'Pregnancies' column was converted from string to integer. The table shows the first 16 rows of the dataset.

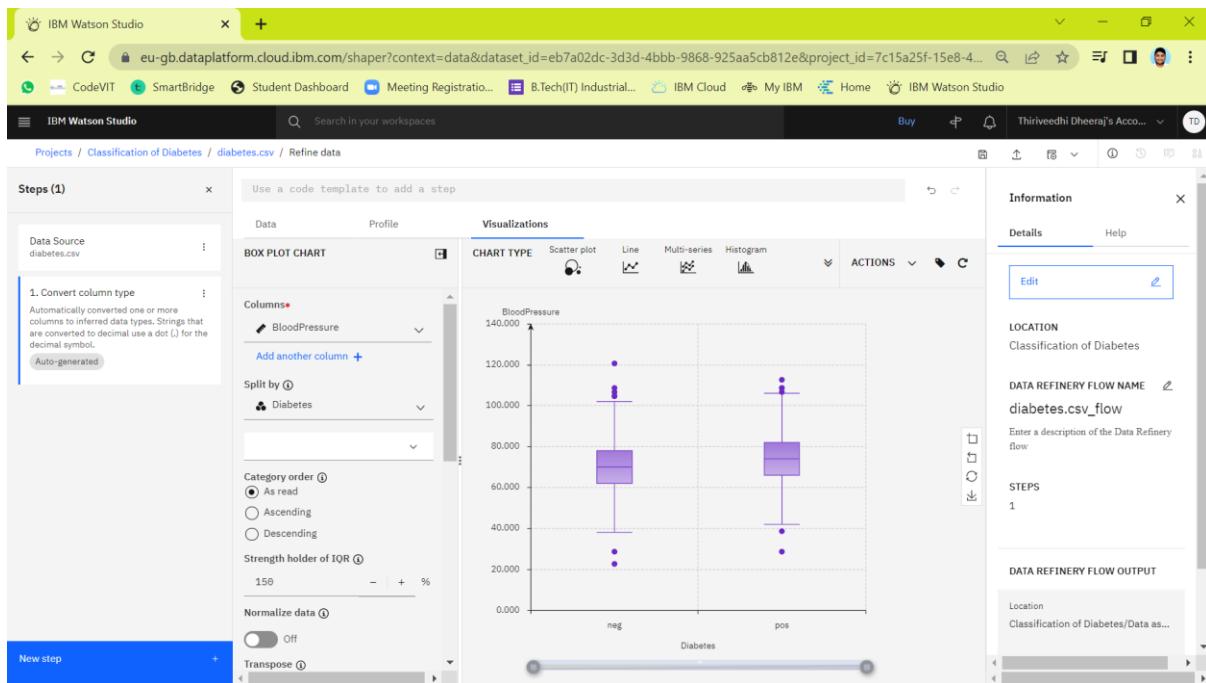
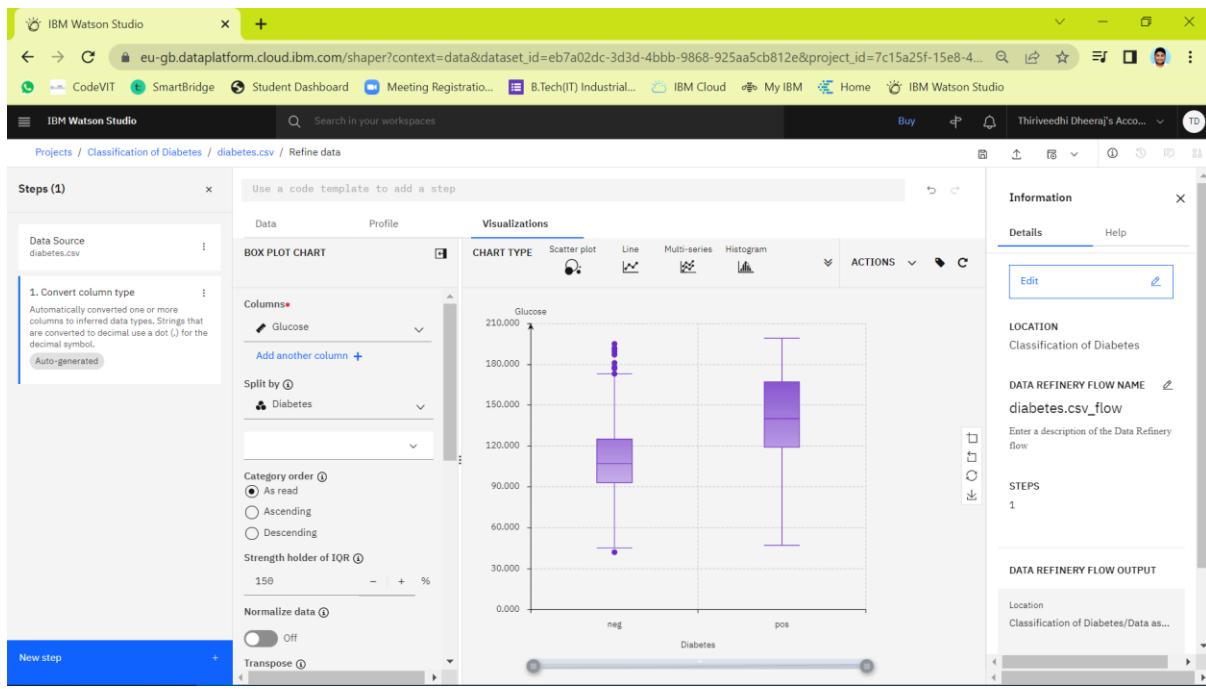
The right panel displays the flow's details, including its name as 'Classification of Diabetes', the data source as 'diabetes.csv', and the output location as 'Classification of Diabetes/Data as...'. The flow has 1 step and is named 'diabetes.csv_flow'.

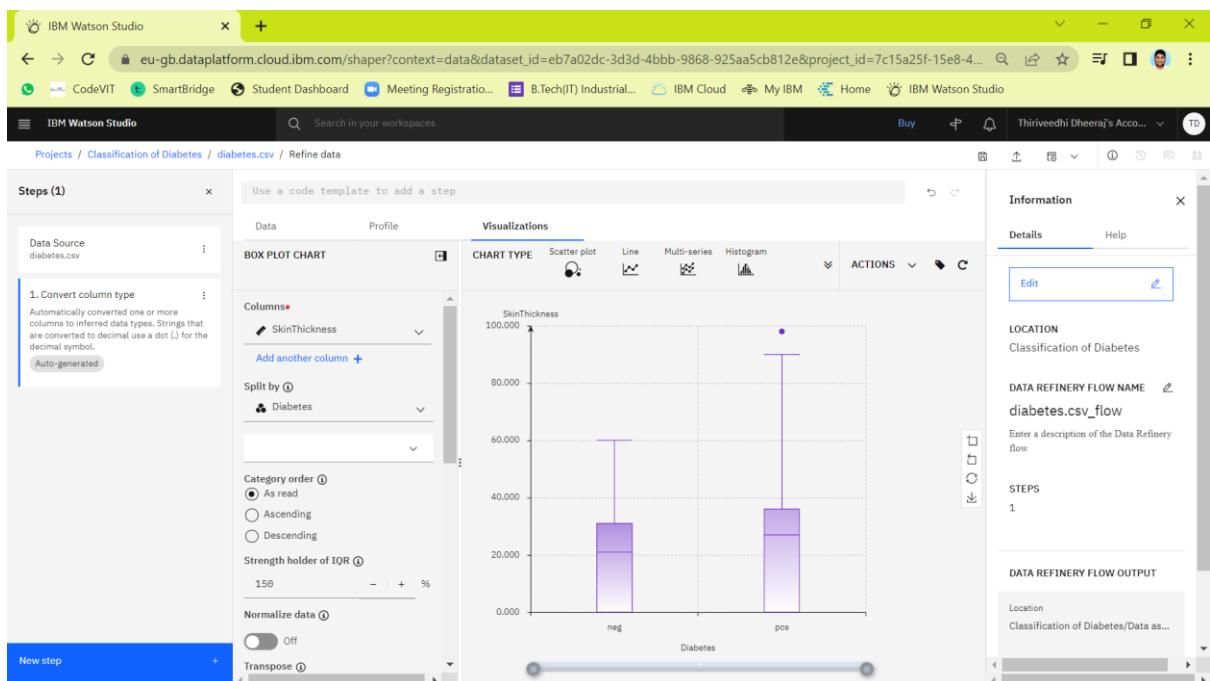
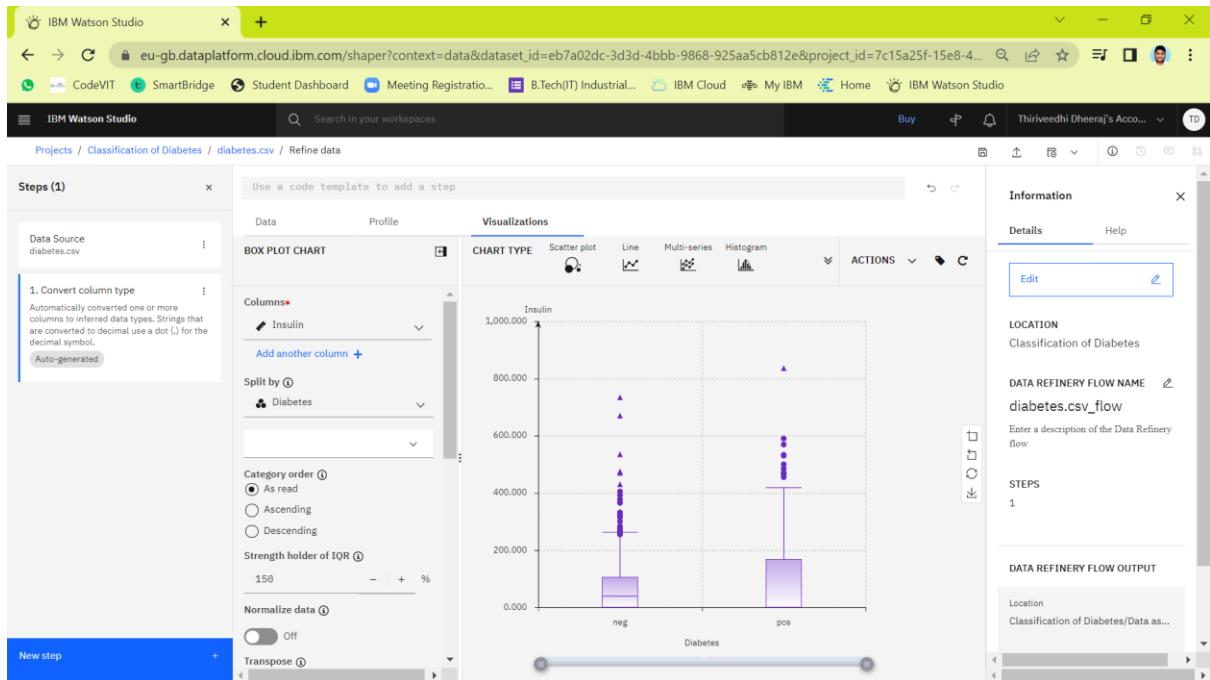
The screenshot shows the IBM Watson Studio interface with a data profile for the 'diabetes.csv' dataset. The profile includes:

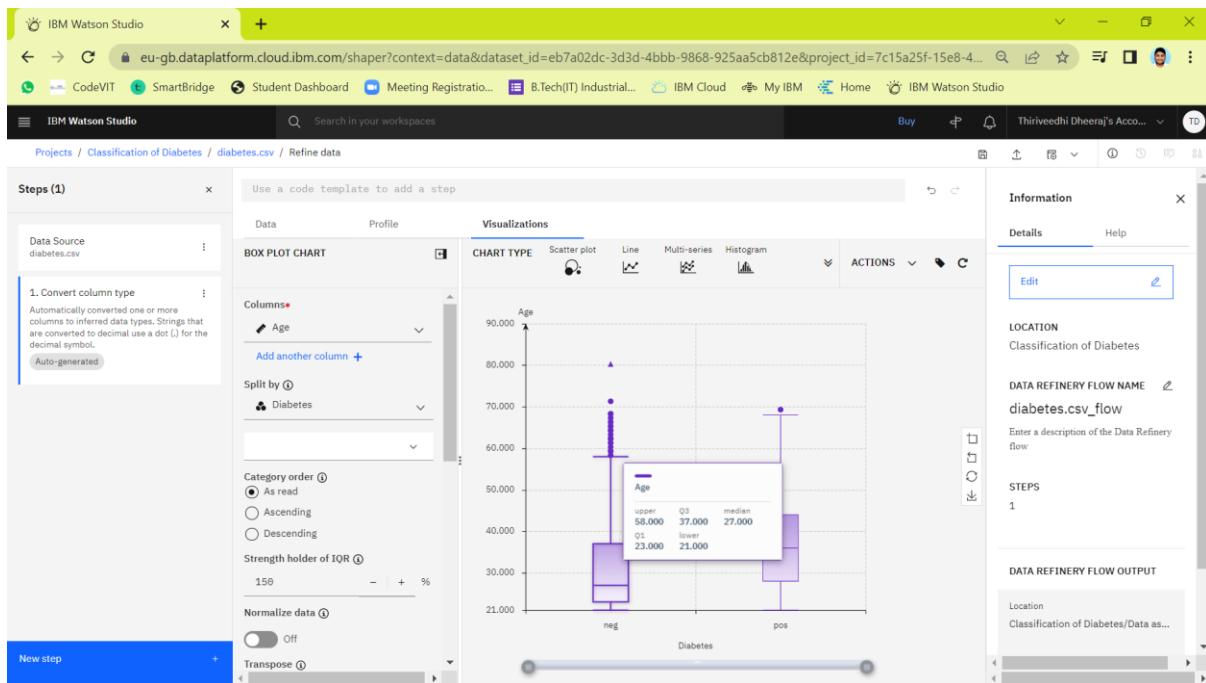
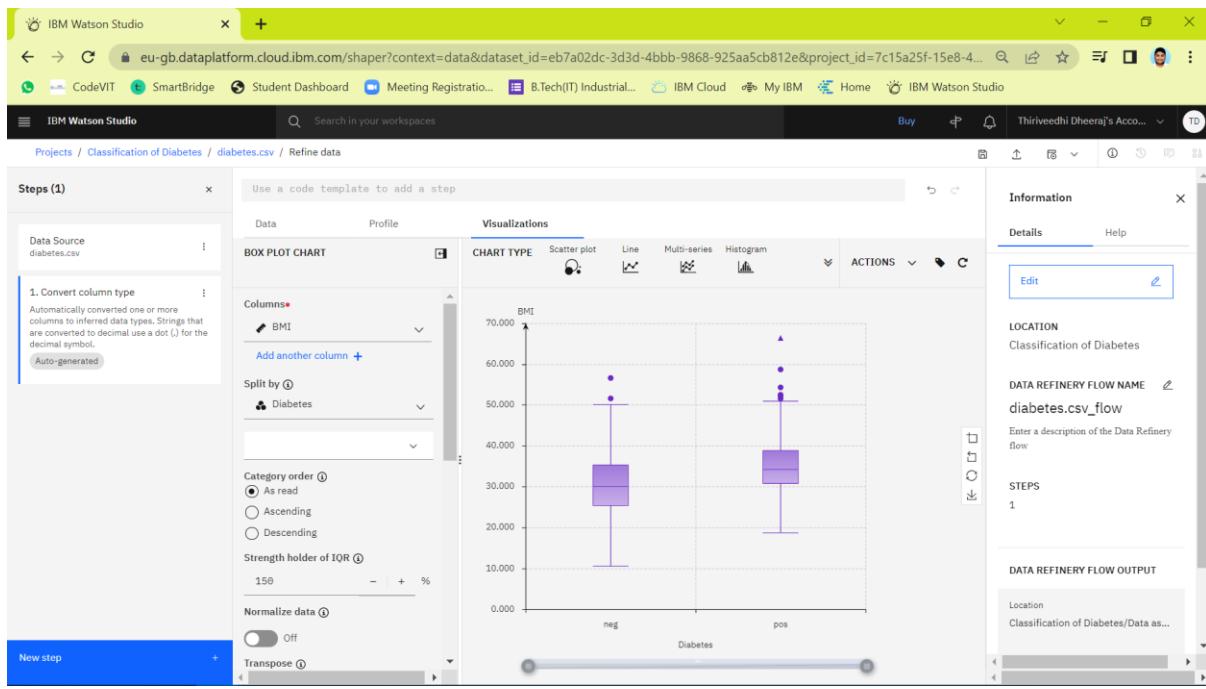
- Data:** Shows the first 16 rows of the dataset.
- Profile:** Contains three bar charts for 'Pregnancies', 'Glucose', and 'BloodPressure' showing frequency distributions across bins. Below the charts, summary statistics are provided for each column.

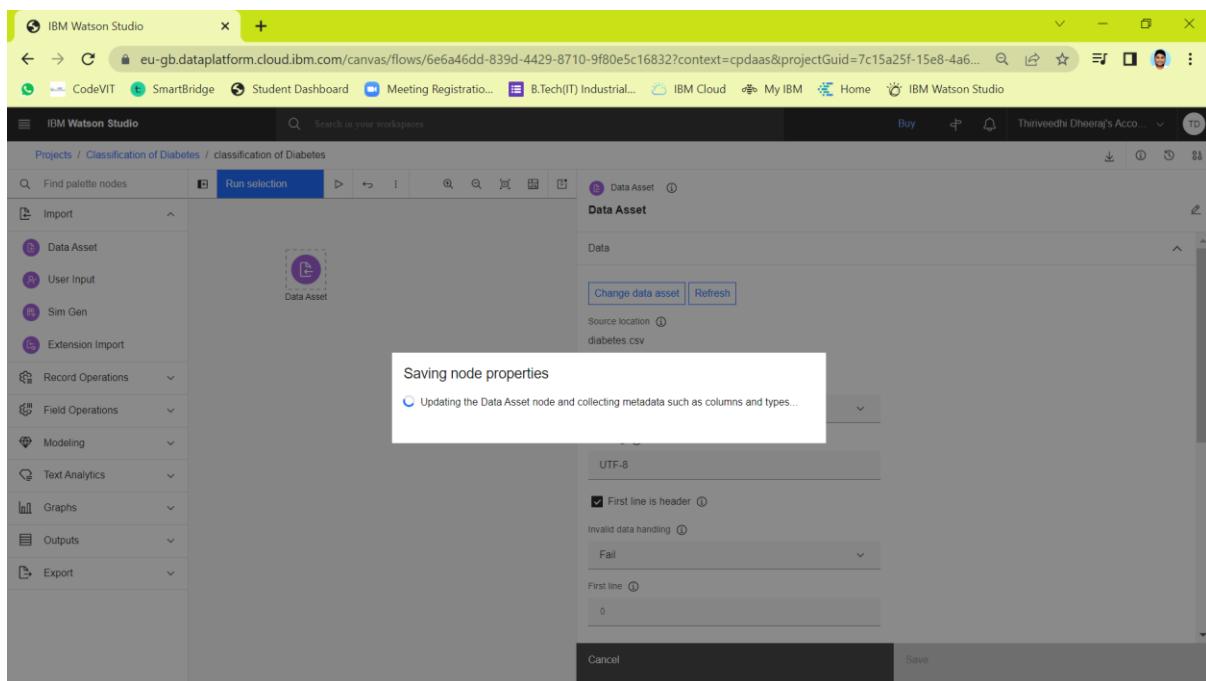
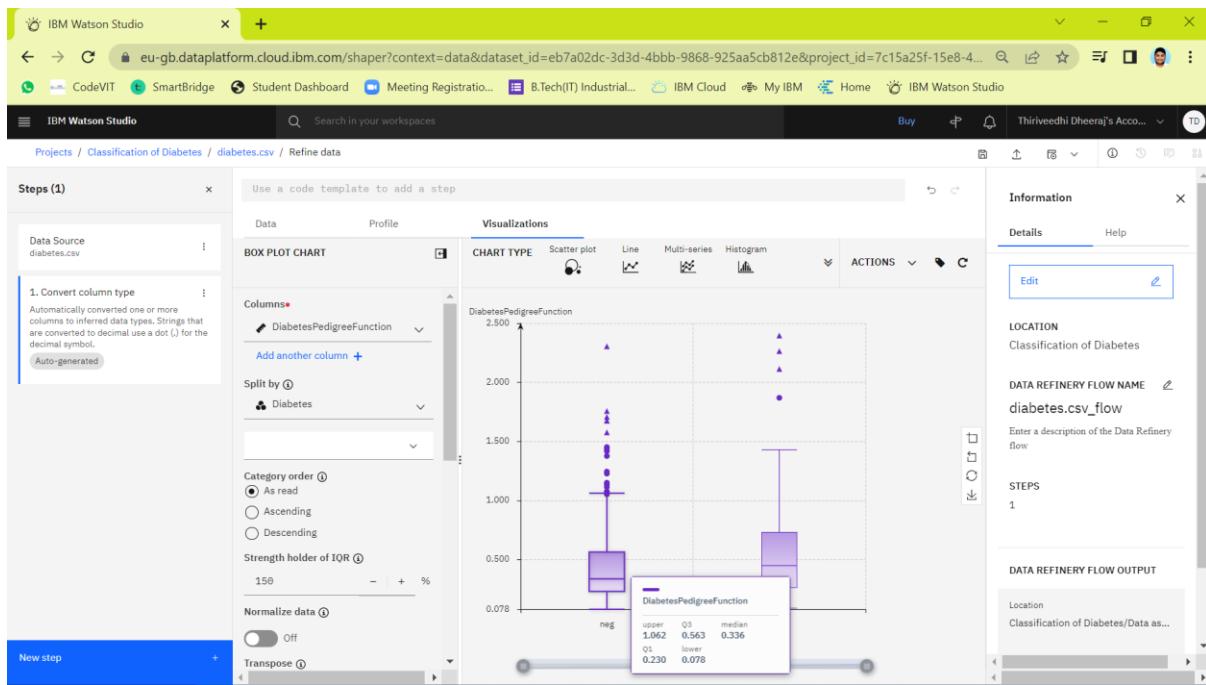
The right panel displays the flow's details, including its name as 'Classification of Diabetes', the data source as 'diabetes.csv', and the output location as 'Classification of Diabetes/Data as...'. The flow has 1 step and is named 'diabetes.csv_flow'.

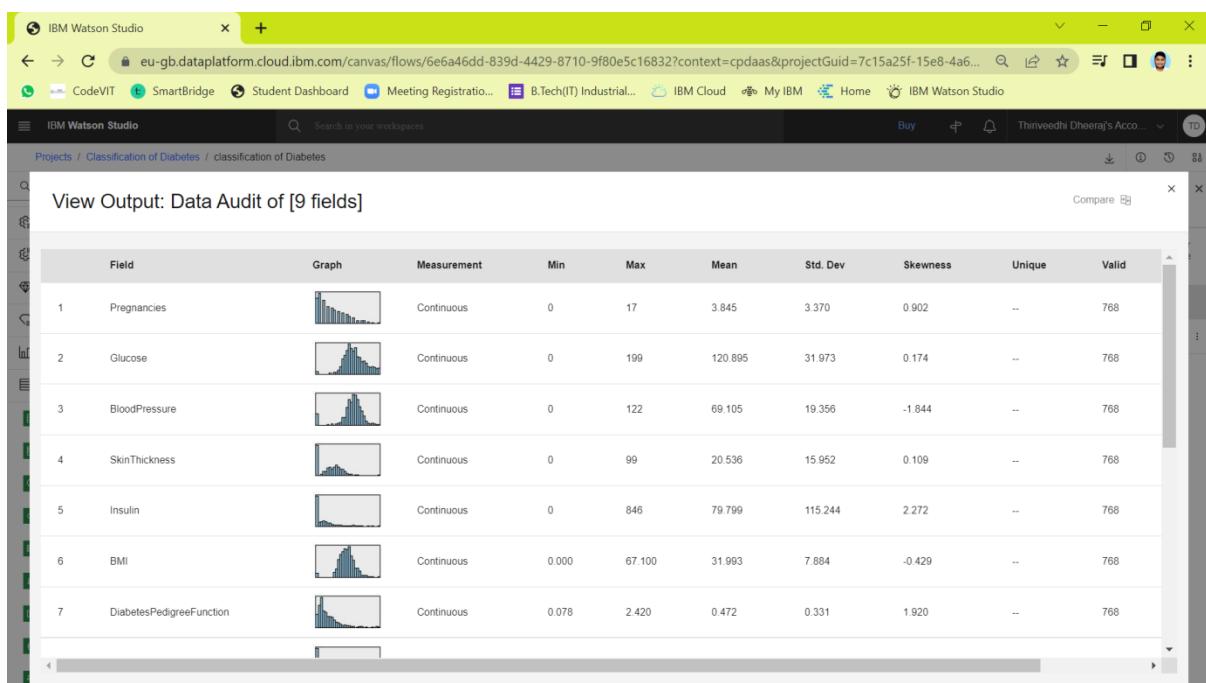
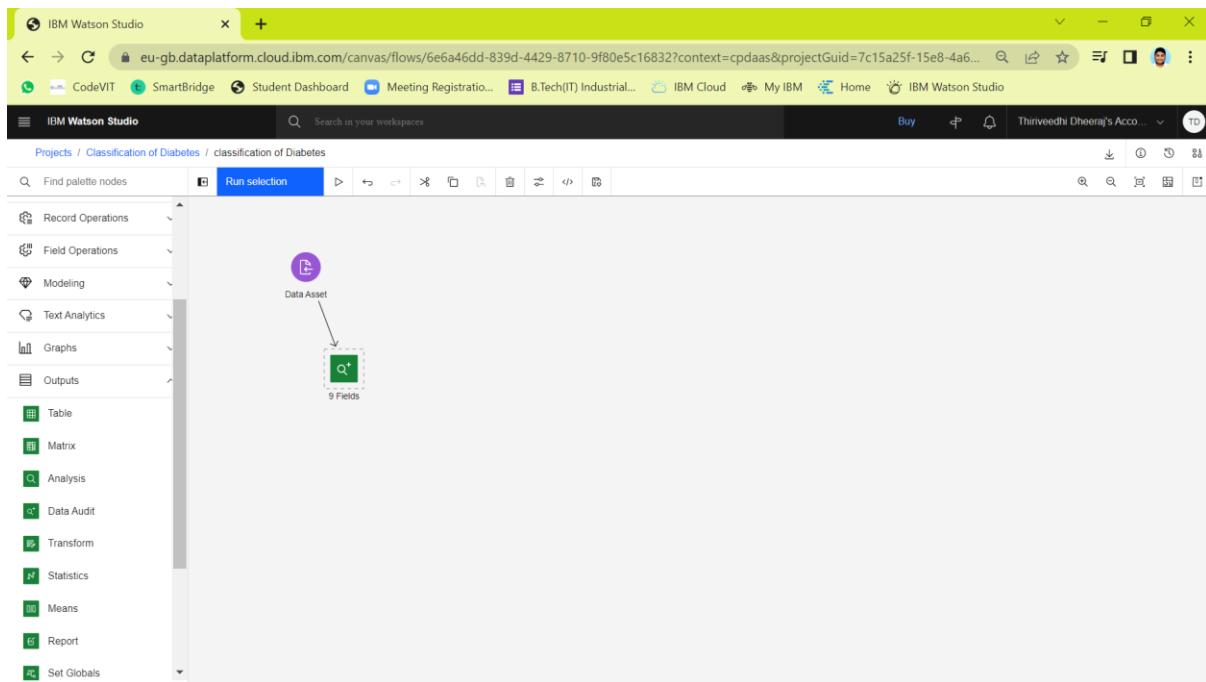












IBM Watson Studio

eu-gb.dataplatfrom.cloud.ibm.com/canvas/flows/6e6a46dd-839d-4429-8710-9f80e5c16832?context=cpdaas&projectGuid=7c15a25f-15e8-4a6...

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IBM Watson Studio

Projects / Classification of Diabetes / classification of Diabetes

View Output: Data Audit of [9 fields]

7	DiabetesPedigreeFunction		Continuous	0.078	2.420	0.472	0.331	1.920	--	768	
8	Age		Continuous	21	81	33.241	11.760	1.130	--	768	
9	Diabetes		Categorical	--	--	--	--	--	2	768	
Field	Measurement	Outliers	Extremes	Action	Impute Missing	Method	% Complete	Valid Records	Null Value	Empty String	White Spa
1	Pregnancies	Continuous	4	0	None	Never	Fixed	100.000	768	0	0
2	Glucose	Continuous	5	0	None	Never	Fixed	100.000	768	0	0
3	BloodPressure	Continuous	35	0	None	Never	Fixed	100.000	768	0	0
4	SkinThickness	Continuous	1	0	None	Never	Fixed	100.000	768	0	0
5	Insulin	Continuous	15	3	None	Never	Fixed	100.000	768	0	0
6	BMI	Continuous	14	0	None	Never	Fixed	100.000	768	0	0

IBM Watson Studio

eu-gb.dataplatfrom.cloud.ibm.com/canvas/flows/6e6a46dd-839d-4429-8710-9f80e5c16832?context=cpdaas&projectGuid=7c15a25f-15e8-4a6...

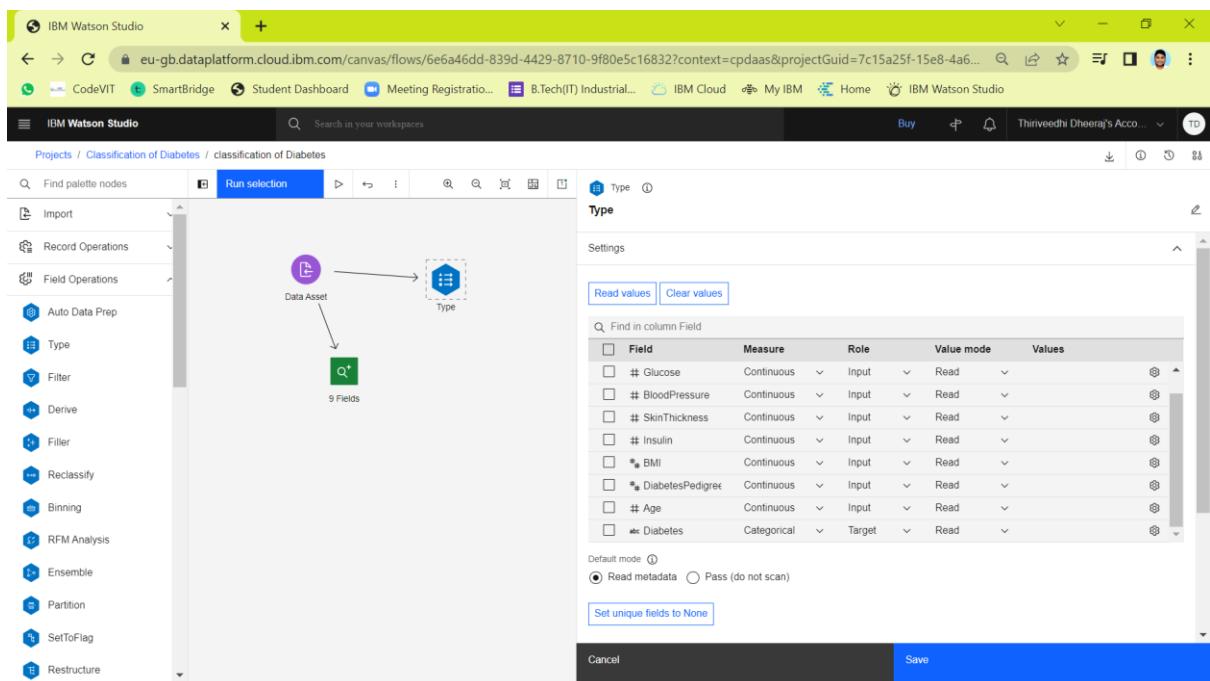
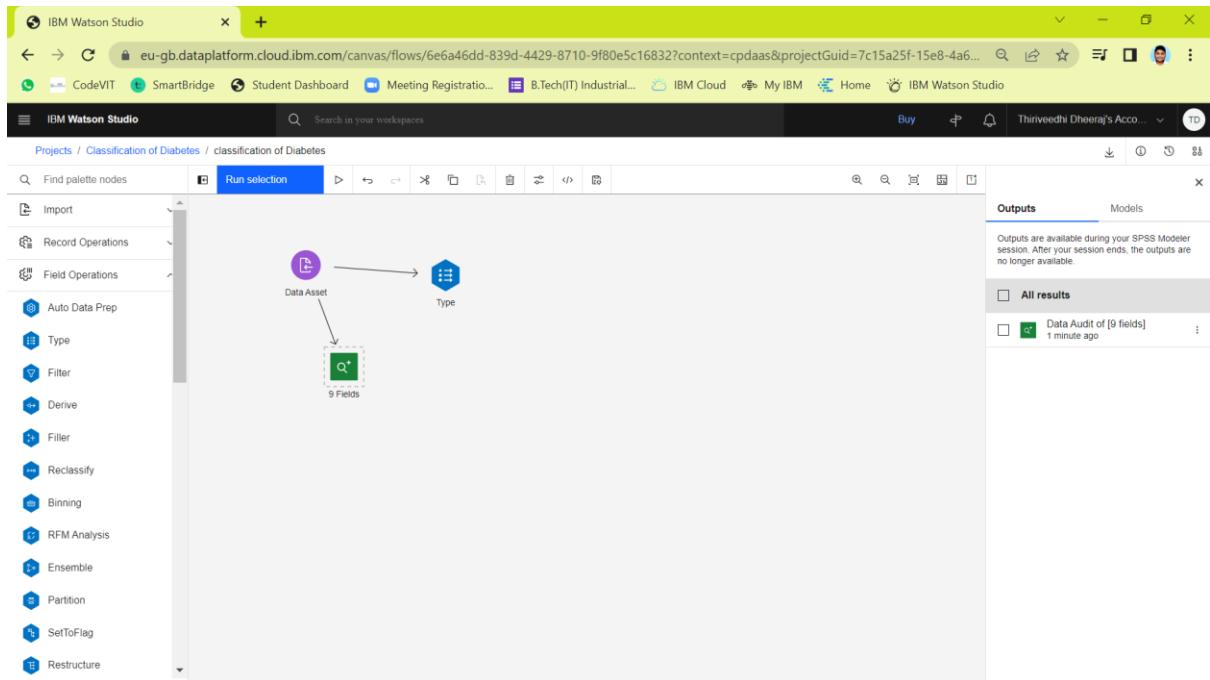
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IBM Watson Studio

Projects / Classification of Diabetes / classification of Diabetes

View Output: Data Audit of [9 fields]

9	Diabetes		Categorical	--	--	--	--	--	2	768	
Field	Measurement	Outliers	Extremes	Action	Impute Missing	Method	% Complete	Valid Records	Null Value	Empty String	White Spa
1	Pregnancies	Continuous	4	0	None	Never	Fixed	100.000	768	0	0
2	Glucose	Continuous	5	0	None	Never	Fixed	100.000	768	0	0
3	BloodPressure	Continuous	35	0	None	Never	Fixed	100.000	768	0	0
4	SkinThickness	Continuous	1	0	None	Never	Fixed	100.000	768	0	0
5	Insulin	Continuous	15	3	None	Never	Fixed	100.000	768	0	0
6	BMI	Continuous	14	0	None	Never	Fixed	100.000	768	0	0
7	DiabetesPedigreeFunction	Continuous	7	4	None	Never	Fixed	100.000	768	0	0
8	Age	Continuous	5	0	None	Never	Fixed	100.000	768	0	0



IBM Watson Studio

eu-gb.dataplatfrom.cloud.ibm.com/canvas/flows/6e6a46dd-839d-4429-8710-9f80e5c16832?context=cpdaas&projectGuid=7c15a25f-15e8-4a6... Buy

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IBM Watson Studio

Projects / Classification of Diabetes / classification of Diabetes

Find palette nodes Run selection

Import Record Operations Field Operations Auto Data Prep Type Filter Derive Filler Reclassify Binning RFM Analysis Ensemble Partition SetToFlag Restructure

Data Asset → Type

9 Fields

Type

Settings

Read values Clear values

Find in column Field

Field	Measure	Role	Value mode	Values
# Glucose	Continuous	Input	Read	
# BloodPressure	Continuous	Input	Read	
# SkinThickness	Continuous	Input	Read	
# Insulin	Continuous	Input	Read	
* BMI	Continuous	Input	Read	
* DiabetesPedigree	Continuous	Input	Read	
# Age	Continuous	Input	Read	
*# Diabetes	Flag	Target	Read	

Default mode: Read metadata Pass (do not scan)

Set unique fields to None

Cancel Save

IBM Watson Studio

eu-gb.dataplatfrom.cloud.ibm.com/canvas/flows/6e6a46dd-839d-4429-8710-9f80e5c16832?context=cpdaas&projectGuid=7c15a25f-15e8-4a6... Buy

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IBM Watson Studio

Projects / Classification of Diabetes / classification of Diabetes

Find palette nodes Run selection

Import Record Operations Field Operations Auto Data Prep Type Filter Derive Filler Reclassify Binning RFM Analysis Ensemble Partition SetToFlag Restructure

Data Asset → Type

9 Fields

Data Audit

9 Fields

Settings

Quality

Calculate Count of records with valid values Breakdown count of records with invalid values

Detection Method Standard deviation from mean Interquartile ranges from upper/lower quartiles

Outliers 0

Extremes 0

Annotations

Cancel Save

IBM Watson Studio

eu-gb.dataplatfrom.cloud.ibm.com/canvas/flows/6e6a46dd-839d-4429-8710-9f80e5c16832?context=cpdaas&projectGuid=7c15a25f-15e8-4a6...

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IBM Watson Studio

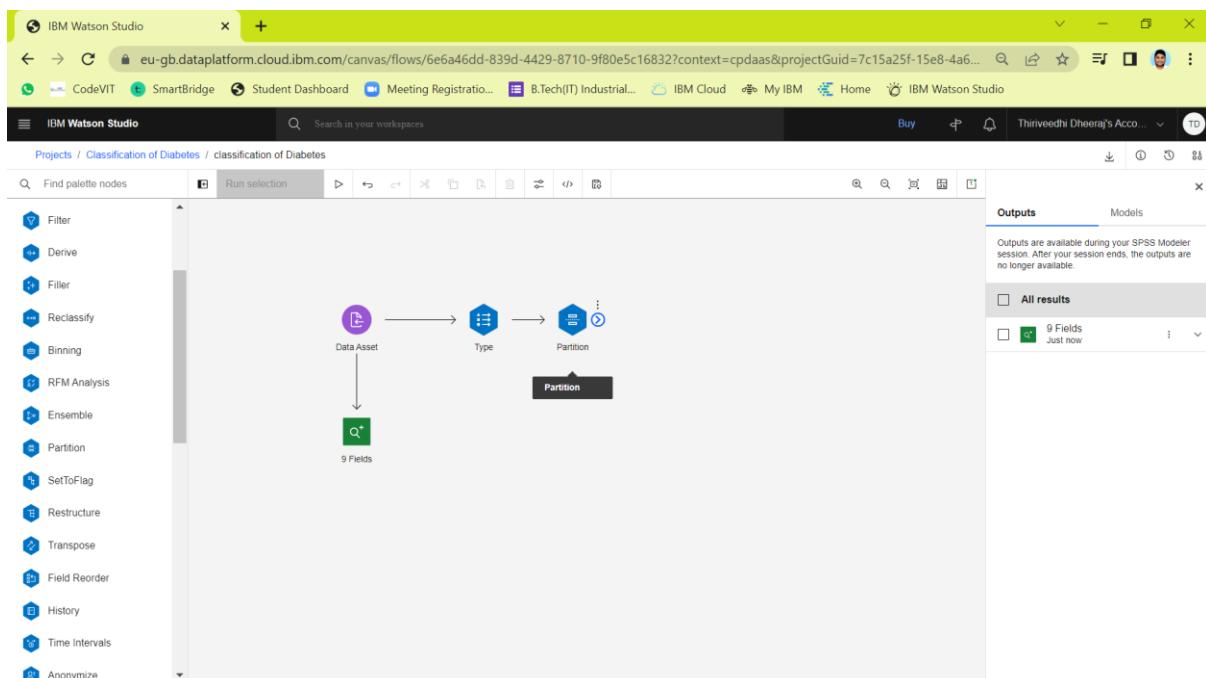
Projects / Classification of Diabetes / classification of Diabetes

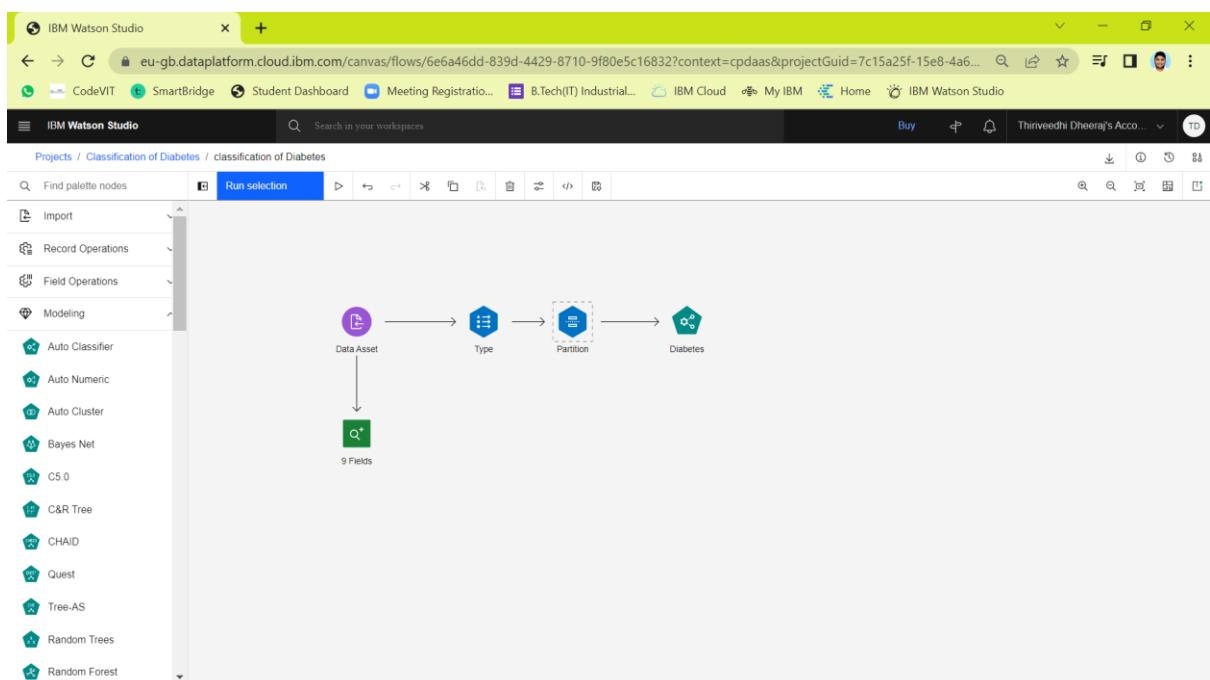
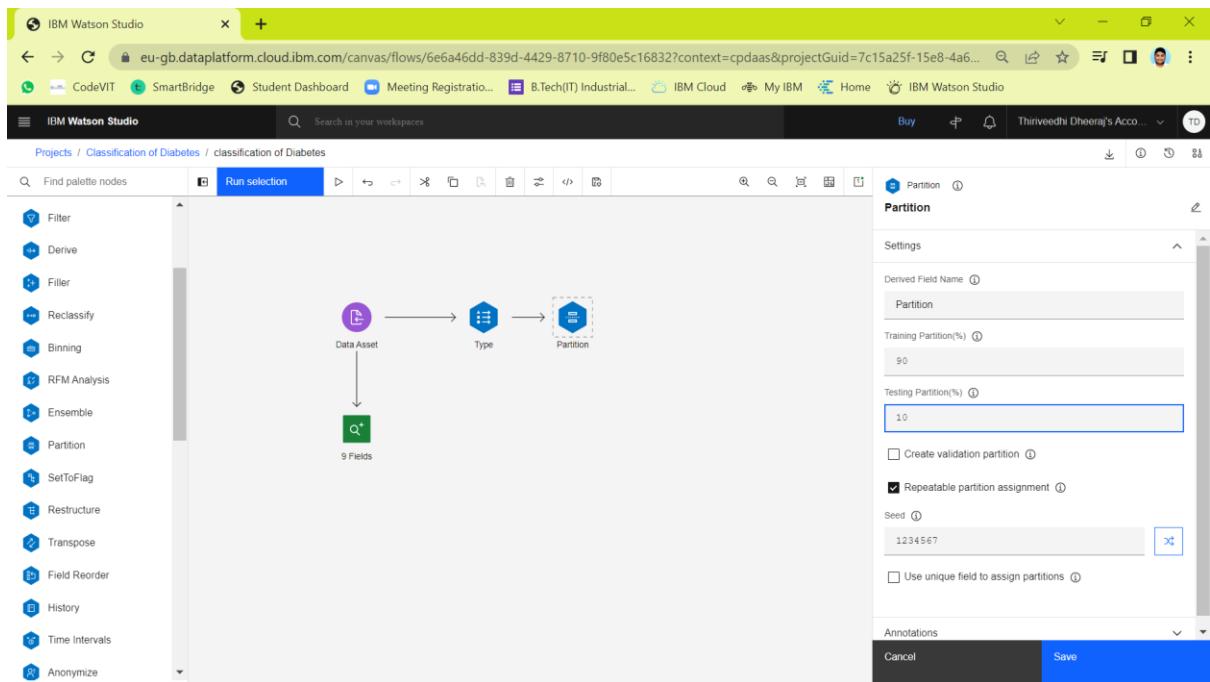
View Output: 9 Fields

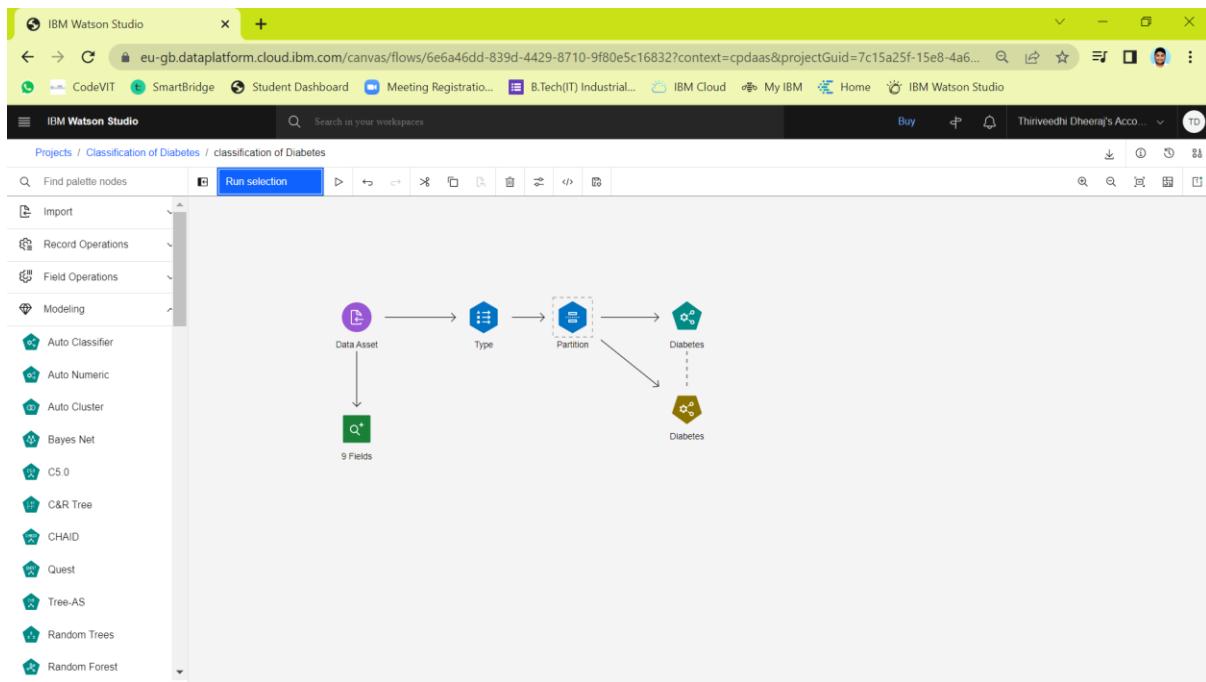
Compare

9 Diabetes Categorical

Field	Measurement	Outliers	Extremes	Action	Impute Missing	Method	% Complete	Valid Records	Null Value	Empty String	White Spa
1 Pregnancies	Continuous	0	768	None	Never	Fixed	100.000	768	0	0	0
2 Glucose	Continuous	0	768	None	Never	Fixed	100.000	768	0	0	0
3 BloodPressure	Continuous	0	768	None	Never	Fixed	100.000	768	0	0	0
4 SkinThickness	Continuous	0	768	None	Never	Fixed	100.000	768	0	0	0
5 Insulin	Continuous	0	768	None	Never	Fixed	100.000	768	0	0	0
6 BMI	Continuous	0	768	None	Never	Fixed	100.000	768	0	0	0
7 DiabetesPedigreeFunction	Continuous	0	768	None	Never	Fixed	100.000	768	0	0	0
8 Age	Continuous	0	768	None	Never	Fixed	100.000	768	0	0	0
9 Diabetes	Categorical	--	--	--	Never	Fixed	100.000	768	0	0	0







IBM Watson Studio

eu-gb.dataplatfrom.cloud.ibm.com/canvas/flows/6e6a46dd-839d-4429-8710-9f80e5c16832?context=cpdaas&projectGuid=7c15a25f-15e8-4a6...

IBM Watson Studio

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	ACTIONS
<input checked="" type="checkbox"/>	Logistic regression_1	Nominal Regression	<1	8	68.293	68.293	0.779	0.779	0.412	0.700	Edit
<input checked="" type="checkbox"/>	Discriminant_1	Discriminant	<1	8	73.171	73.171	0.776	0.776	0.588	0.714	Edit
<input checked="" type="checkbox"/>	Tree-AS_1	CHAID	<1	4	73.171	73.171	0.766	0.766	0.471	0.800	Edit
<input checked="" type="checkbox"/>	CHAID_1	CHAID	<1	4	73.171	73.171	0.749	0.749	0.529	0.750	Edit
<input checked="" type="checkbox"/>	C5_1	C5.0	<1	7	69.512	69.512	0.712	0.712	0.529	0.667	Edit

The screenshot shows the IBM Watson Studio interface with a project titled "Classification of Diabetes". A modal window titled "View Model: Auto Classifier" is open, displaying the "Discriminant" analysis results. The "Analysis Case Processing Summary" section contains a table showing the distribution of cases:

	N	Percent
Valid	686	100.000
Excluded	0	0.000
Missing or out-of-range group codes	0	0.000
At least one missing discriminating variable	0	0.000
Both missing or out-of-range group codes and at least one missing discriminating variable	0	0.000
Total	686	100.000

Bank term deposit data: Assignment

The screenshot shows the IBM Watson Studio interface with a project titled "Bank term deposit". A data refinery flow is being edited, showing a single step named "1. Convert column type". The "Data" tab displays a preview of the "bank.csv" file with 16 rows of data:

	age	job	marital	education	default	balance
1	59	admin.	married	secondary	no	2343
2	56	admin.	married	secondary	no	45
3	41	technician	married	secondary	no	1270
4	55	services	married	secondary	no	2476
5	54	admin.	married	tertiary	no	184
6	42	management	single	tertiary	no	0
7	56	management	married	tertiary	no	830
8	60	retired	divorced	secondary	no	545
9	37	technician	married	secondary	no	1
10	28	services	single	secondary	no	5090
11	38	admin.	single	secondary	no	100
12	30	blue-collar	married	secondary	no	309
13	29	management	married	tertiary	no	199
14	46	blue-collar	single	tertiary	no	460
15	31	technician	single	tertiary	no	703
16	35	management	divorced	tertiary	no	3837

The right panel shows configuration options for the flow, including "LOCATION" set to "Bank term deposit", "DATA REFINERY FLOW NAME" set to "bank.csv_flow", and "STEPS" set to 1.

IBM Watson Studio

eu-gb.dataplatform.cloud.ibm.com/shaper?context=data&dataset_id=8c196bb1-8c2c-4fe2-b3bf-17dbdbac1701&project_id=b24c5028-9cc7-4...

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IBM Watson Studio

Projects / Bank term deposit / bank.csv / Refine data

Steps (1)

Data Source bank.csv

1. Convert column type

Automatically converted one or more columns to inferred data types. Strings that are converted to decimal use a dot (.) for the decimal symbol.

Auto-generated

Profile

Visualizations

age integer

job String

marital String

FREQUENCY

Range	Count
[34,42]	2500
[26,34]	2000
[42,50]	1800
[38,46]	1500
[38,46]	1300
[38,46]	1100
[34,42]	1000
[34,42]	900
[32,90]	800
[90,98]	700

FREQUENCY

Category	Count
management	1800
blue-collar	1500
technician	1300
admin	1100
services	900
retired	800
self-employed	700
student	600
employed	500
unemployed	400
entrepreneur	300

FREQUENCY

Category	Count
married	3000
single	2000
divorced	1000

STATISTICS

Statistic	Value
Interquartile Range	17
Minimum	18
Maximum	95
Median	39

STATISTICS

Statistic	Value
Maximum length	13
Minimum length	6
Mean length	9.3258
Unique	12

STATISTICS

Statistic	Value
Maximum length	4
Minimum length	1
Mean length	3.0
Unique	12

New step

LOCATION

Bank term deposit

DATA REFINERY FLOW NAME

bank.csv_flow

Enter a description of the Data Refinery flow

STEPS

1

DATA REFINERY FLOW OUTPUT

Location

Bank term deposit/Data assets

Data set name

bank_csv_shaped

IBM Watson Studio

eu-gb.dataplatform.cloud.ibm.com/shaper?context=data&dataset_id=8c196bb1-8c2c-4fe2-b3bf-17dbdbac1701&project_id=b24c5028-9cc7-4...

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IBM Watson Studio

Projects / Bank term deposit / bank.csv / Refine data

Steps (1)

Data Source bank.csv

1. Convert column type

Automatically converted one or more columns to inferred data types. Strings that are converted to decimal use a dot (.) for the decimal symbol.

Auto-generated

Profile

Visualizations

education String

default String

balance Integer

FREQUENCY

Category	Count
secondary	4500
tertiary	3500
primary	1000
unknown	500

FREQUENCY

Category	Count
no	8500
yes	500

FREQUENCY

Range	Count
[>4872.5499]	1000
[5195.1076]	1000
[10768.1987]	1000
[19871.2837]	1000
[28377.3718]	1000
[45695.6479]	1000
[72407.8120]	1000
[37183.4599]	1000
[634601.7240]	1000

STATISTICS

Statistic	Value
Maximum length	9
Minimum length	7
Mean length	8.314
Unique	4

STATISTICS

Statistic	Value
Maximum length	3
Minimum length	2
Mean length	2.0146
Unique	2

STATISTICS

Statistic	Value
Interquartile Range	2
Minimum	1
Maximum	4
Median	2

New step

LOCATION

Bank term deposit

DATA REFINERY FLOW NAME

bank.csv_flow

Enter a description of the Data Refinery flow

STEPS

1

DATA REFINERY FLOW OUTPUT

Location

Bank term deposit/Data assets

Data set name

bank_csv_shaped

IBM Watson Studio

eu-gb.dataplatform.cloud.ibm.com/shaper?context=data&dataset_id=8c196bb1-8c2c-4fe2-b3bf-17dbdbac1701&project_id=b24c5028-9cc7-4... Buy

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IBM Watson Studio

Projects / Bank term deposit / bank.csv / Refine data

Steps (1)

Data Source
bank.csv

1. Convert column type

Automatically converted one or more columns to inferred data types. Strings that are converted to decimal use a dot (.) for the decimal symbol.

Auto-generated

Profile

Visualizations

balance

Integer

housing

String

loan

String

FREQUENCY

Frequency distribution chart for the 'balance' column. The x-axis ranges from 0 to 6000. The y-axis lists values: [5847,1939], [2549,1976], [10768,19972], [19871,88377], [28377,37183], [45699,54795], [72407,81204], [37103,49489], and [63401,72407].

FREQUENCY

Frequency distribution chart for the 'housing' column. The x-axis ranges from 0 to 5000. The y-axis lists values: [no] and [yes].

FREQUENCY

Frequency distribution chart for the 'loan' column. The x-axis ranges from 0 to 6000. The y-axis lists values: [no] and [yes].

LOCATION
Bank term deposit

DATA REFINERY FLOW NAME
bank.csv_flow

Enter a description of the Data Refinery flow

STEPS
1

DATA REFINERY FLOW OUTPUT

Location
Bank term deposit/Data assets

Data set name
bank_csv_shaped

STATISTICS

Interquartile Range: 1620

Minimum: -6847

Maximum: 81204

Median: 565

STATISTICS

Maximum length: 3

Minimum length: 2

Mean length: 2.4657

Unique: 2

STATISTICS

Maximum length: 2

Minimum length: 1

Mean length: 1.2329

Unique: 1

New step

IBM Watson Studio

eu-gb.dataplatform.cloud.ibm.com/shaper?context=data&dataset_id=8c196bb1-8c2c-4fe2-b3bf-17dbdac1701&project_id=b24c5028-9cc7-4...

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Projects / Bank term deposit / bank.csv / Refine data

Steps (1)

Data Source bank.csv

1. Convert column type

Automatically converted one or more columns to inferred data types. Strings that are converted to decimal use a dot (.) for the decimal symbol.

Auto-generated

Use a code template to add a step

Profile Visualizations

day Integer

month String

duration Integer

FREQUENCY

Value	Count
[28,31]	1200
[33,34]	1100
[34,22]	1100
[4,7]	1100
[5,35]	1100
[7,10]	1000
[10,13]	900
[13,26]	800
[2,4]	700
[22,23]	600

FREQUENCY

Value	Count
[1,2]	1500
[2,3]	1400
[3,4]	1300
[4,5]	1200
[5,6]	1100
[6,7]	1000
[7,8]	900
[8,9]	800
[9,10]	700
[10,11]	600

FREQUENCY

Value	Count
[1,2]	1500
[2,3]	1400
[3,4]	1300
[4,5]	1200
[5,6]	1100
[6,7]	1000
[7,8]	900
[8,9]	800
[9,10]	700
[10,11]	600

LOCATION

Bank term deposit

DATA REFINERY FLOW NAME

bank.csv_flow

Enter a description of the Data Refinery flow

STEPS

1

DATA REFINERY FLOW OUTPUT

Location

Bank term deposit/Data assets

Data set name

bank_csv_shaped

STATISTICS

Statistic	Value
Interquartile Range	9
Minimum	7
Maximum	7.8692
Median	3

STATISTICS

Statistic	Value
Maximum length	14
Minimum length	1
Mean length	31
Unique	15

STATISTICS

Statistic	Value
Interquartile Range	3
Minimum	3
Maximum	3
Median	12

New step

IBM Watson Studio

eu-gb.dataplatform.cloud.ibm.com/shaper?context=data&dataset_id=8c196bb1-8c2c-4fe2-b3bf-17dbdbac1701&project_id=b24c5028-9cc7-4...

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IBM Watson Studio

Projects / Bank term deposit / bank.csv / Refine data

Steps (1)

Data Source: bank.csv

1. Convert column type: Automatically converted one or more columns to inferred data types. Strings that are converted to decimal use a dot (.) for the decimal symbol. (Auto-generated)

Profile

postcode: String

deposit: String

Frequency distribution for postcode:

postcode	Frequency
unknown	~7500
failure	~1000
success	~1000
other	~1000

Frequency distribution for deposit:

deposit	Frequency
yes	~4500
no	~5500

TICS: Article Range

STATISTICS

Statistic	Value
Maximum length	1
Minimum length	0
Mean length	58
Unique	0

STATISTICS

Statistic	Value
Maximum length	7
Minimum length	5
Mean length	6.9022
Unique	4

DATA REFINERY FLOW NAME: bank.csv_flow

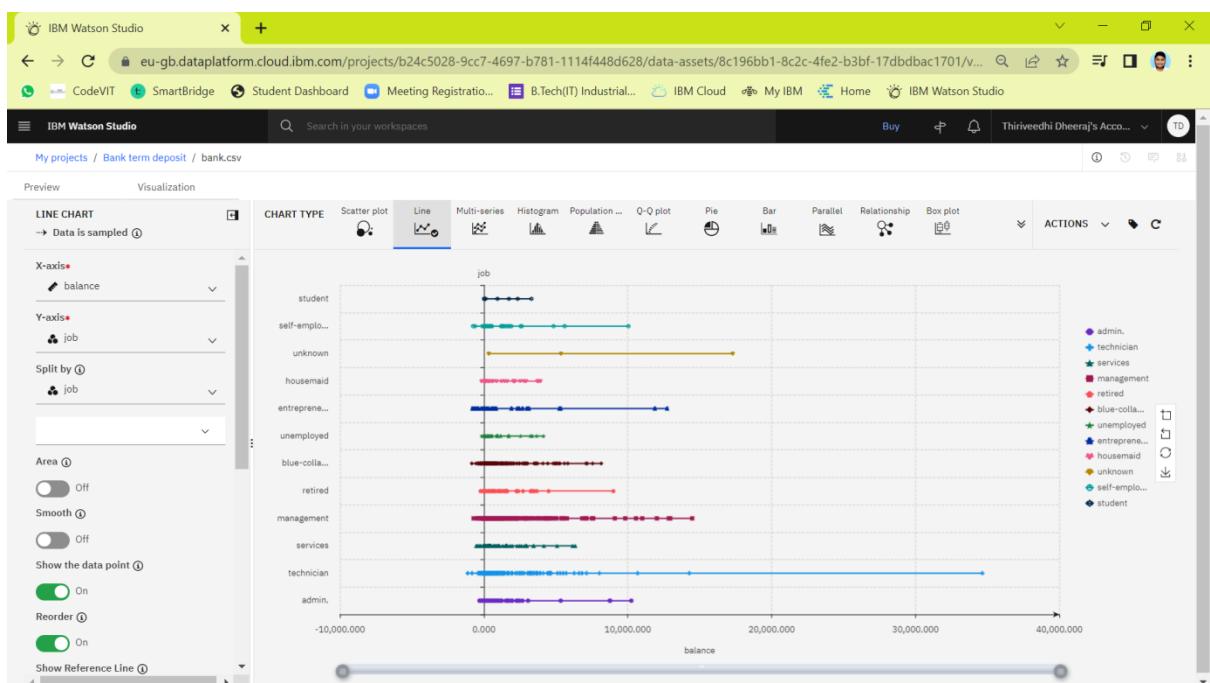
LOCATION: Bank term deposit

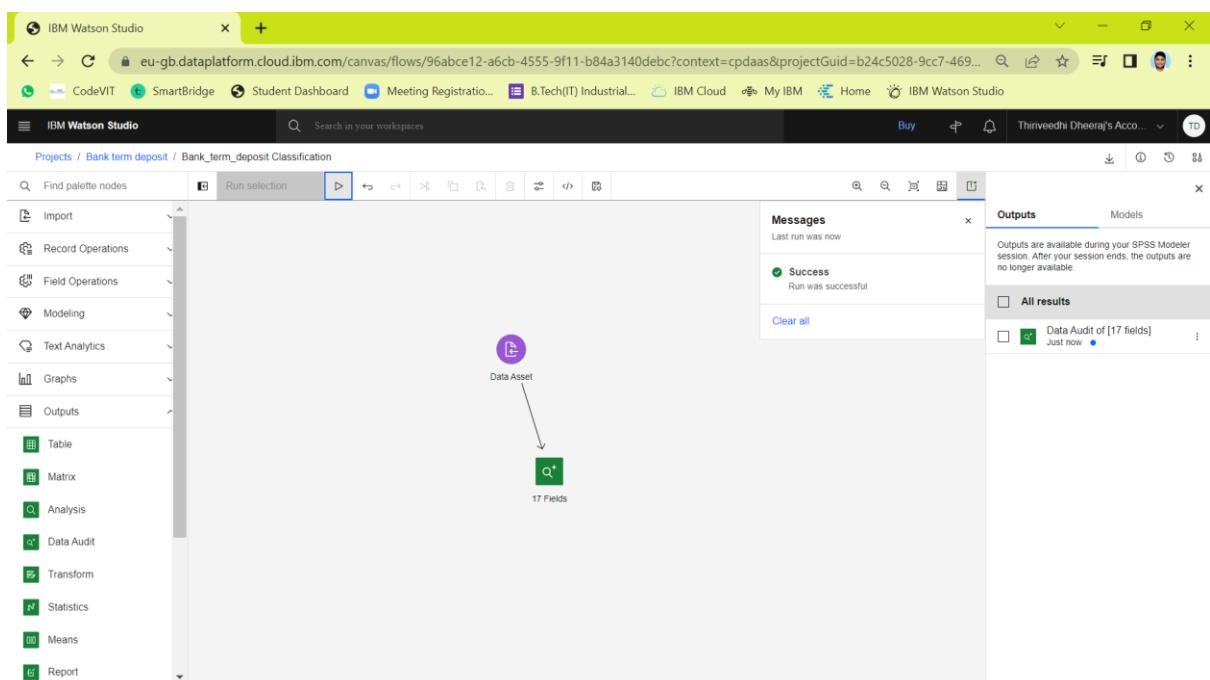
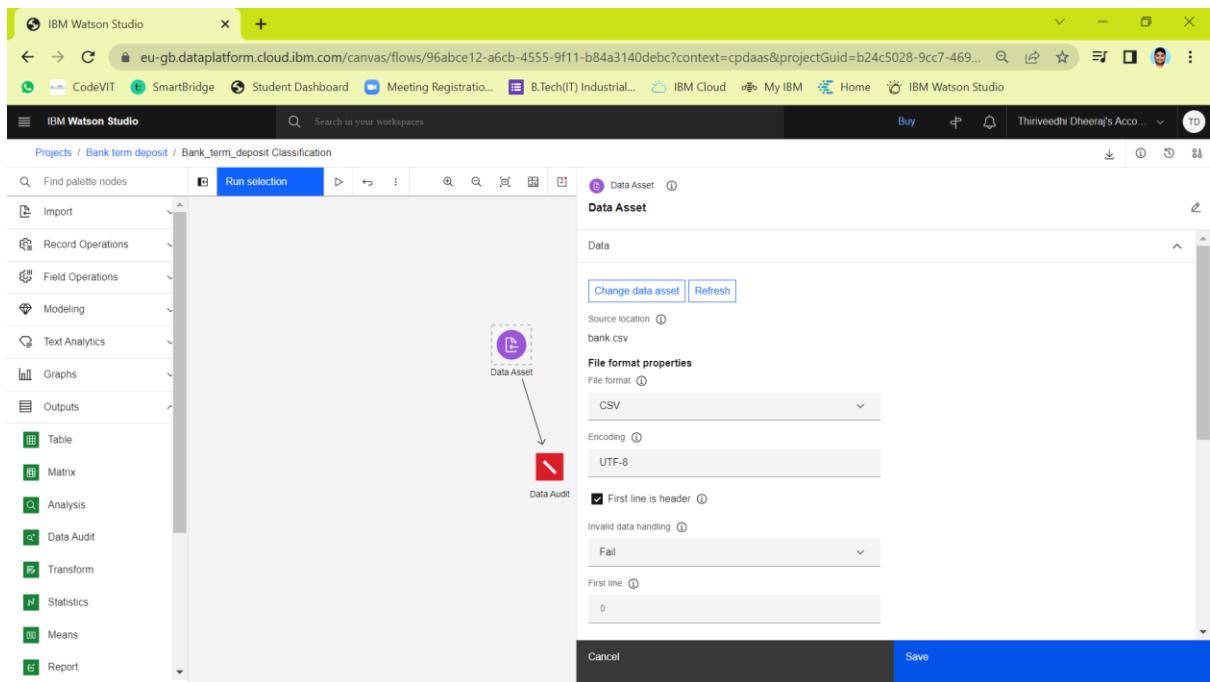
DATA REFINERY FLOW OUTPUT

Location: Bank term deposit/Data assets

Data set name: bank_csv_shaped

STEPS: 1





Field	Sample Graph	Measurement	Min	Max	Mean	Std. Dev	Skewness	Unique	Valid
1 age		Continuous	18	95	41.232	11.913	0.863	--	11162
2 job		Categorical	--	--	--	--	--	12	11162
3 marital		Categorical	--	--	--	--	--	3	11162
4 education		Categorical	--	--	--	--	--	4	11162
5 default		Categorical	--	--	--	--	--	2	11162
6 balance		Continuous	-6547	81204	1528.539	3225.413	8.225	--	11162
7 housing		Categorical	--	--	--	--	--	2	11162
8 loan		Categorical	--	--	--	--	--	2	11162
9 contact		Categorical	--	--	--	--	--	3	11162
10 day		Continuous	1	31	15.658	8.421	0.111	--	11162
11 month		Categorical	--	--	--	--	--	12	11162
12 duration		Continuous	2	3681	371.994	347.128	2.144	--	11162
13 campaign		Continuous	1	63	2.508	2.722	5.546	--	11162

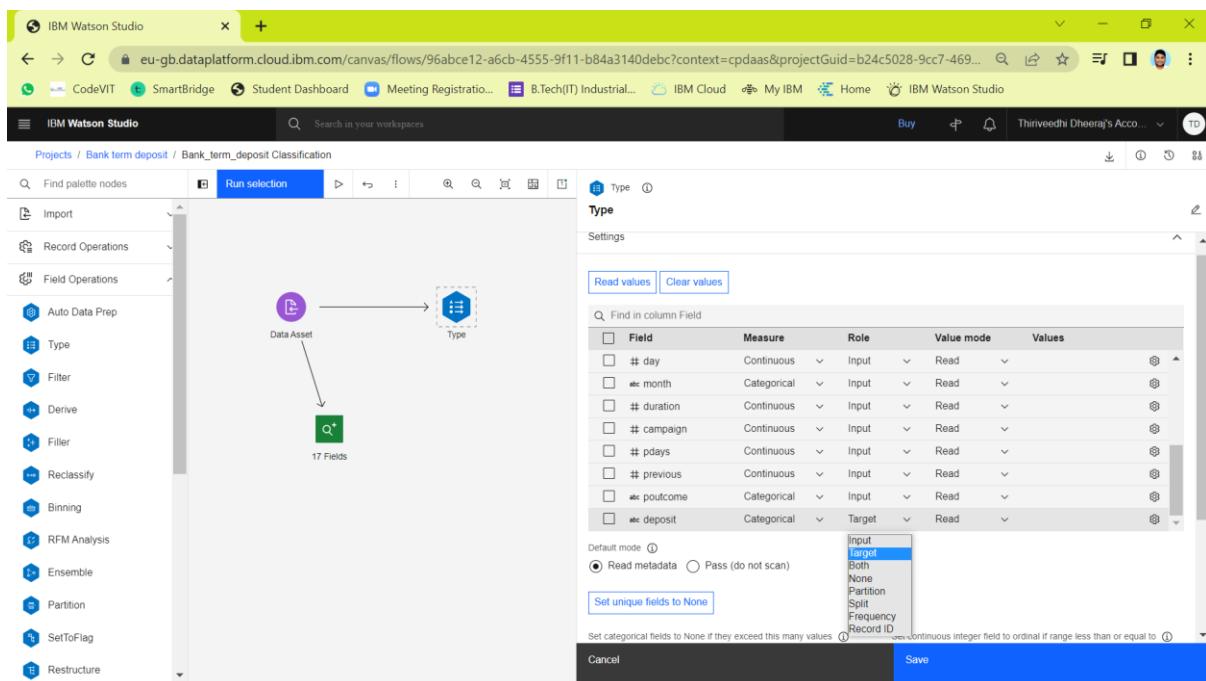
Field	Measurement	Outliers	Extremes	Action	Impute Missing	Method	% Complete	Valid Records	Null Value	Empty String	White Space	Blank Value
1 age	Continuous	132	0	None	Never	Fixed	100.000	11162	0	0	0	0
2 job	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
3 marital	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
4 education	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
5 default	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
6 balance	Continuous	89	74	None	Never	Fixed	100.000	11162	0	0	0	0
7 housing	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
8 loan	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
9 contact	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
10 day	Continuous	0	0	None	Never	Fixed	100.000	11162	0	0	0	0
11 month	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
12 duration	Continuous	179	22	None	Never	Fixed	100.000	11162	0	0	0	0

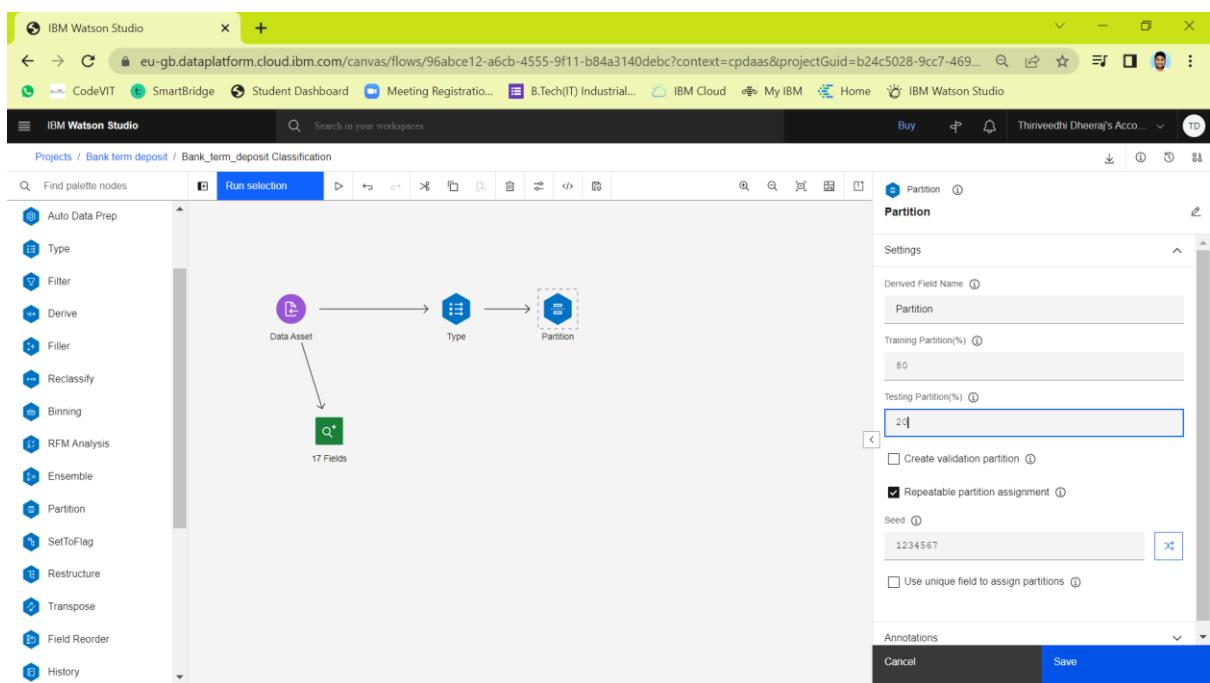
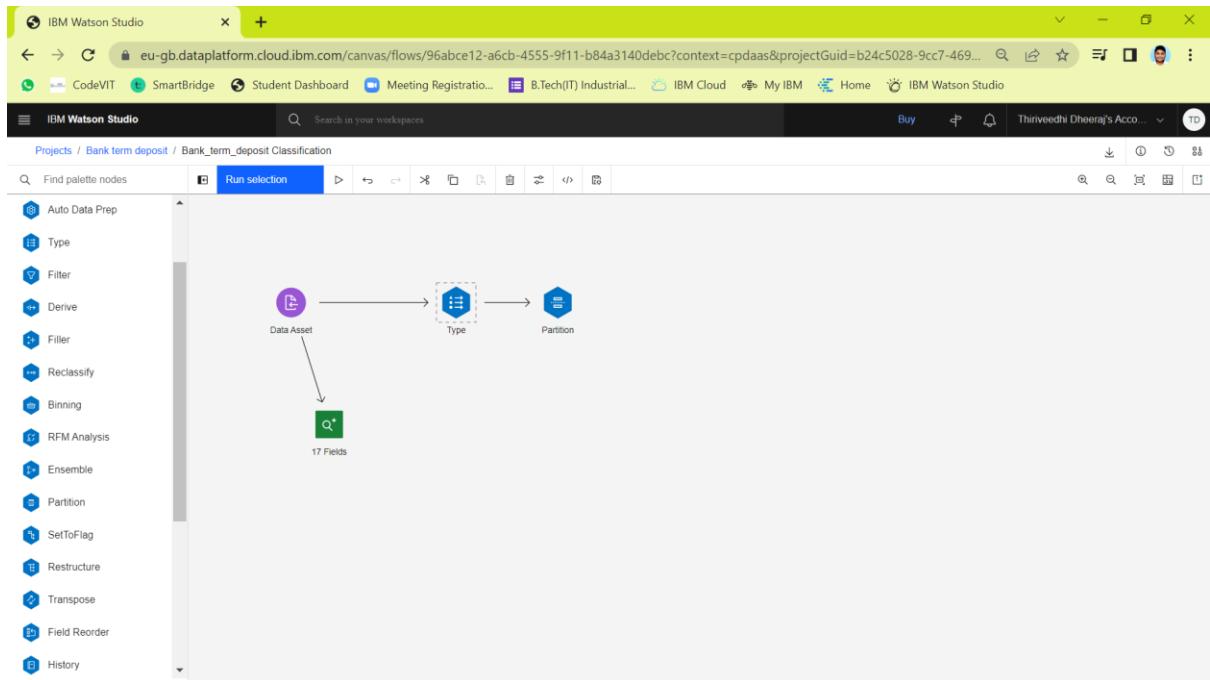
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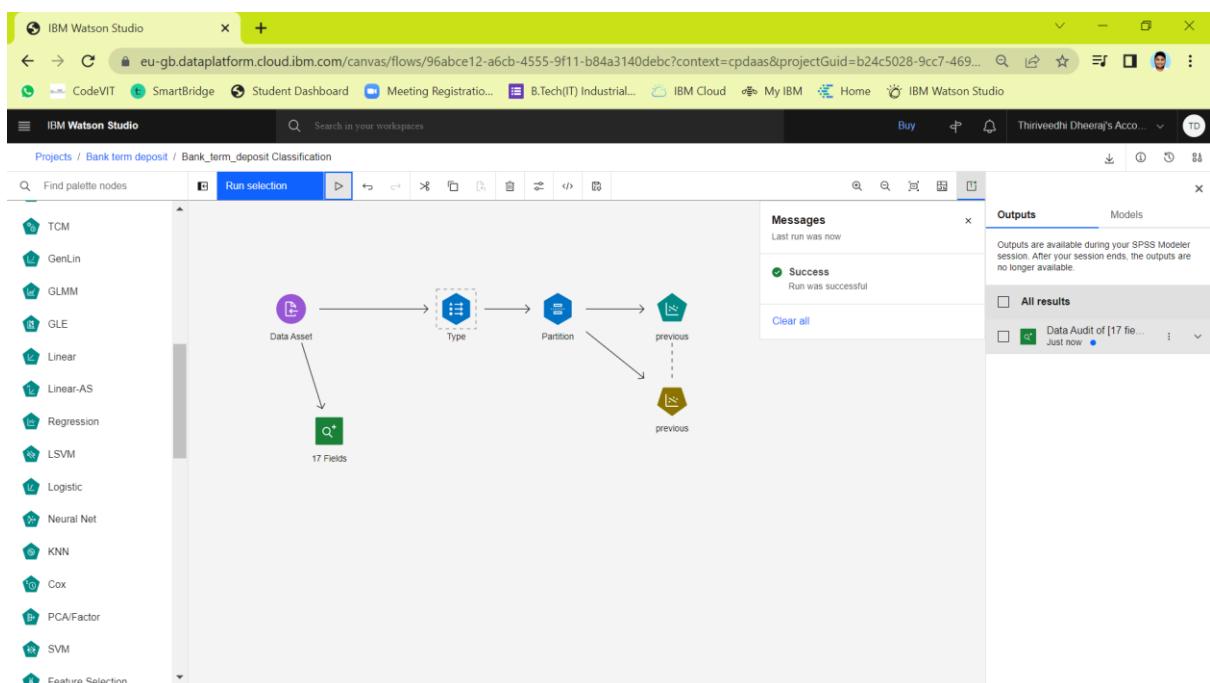
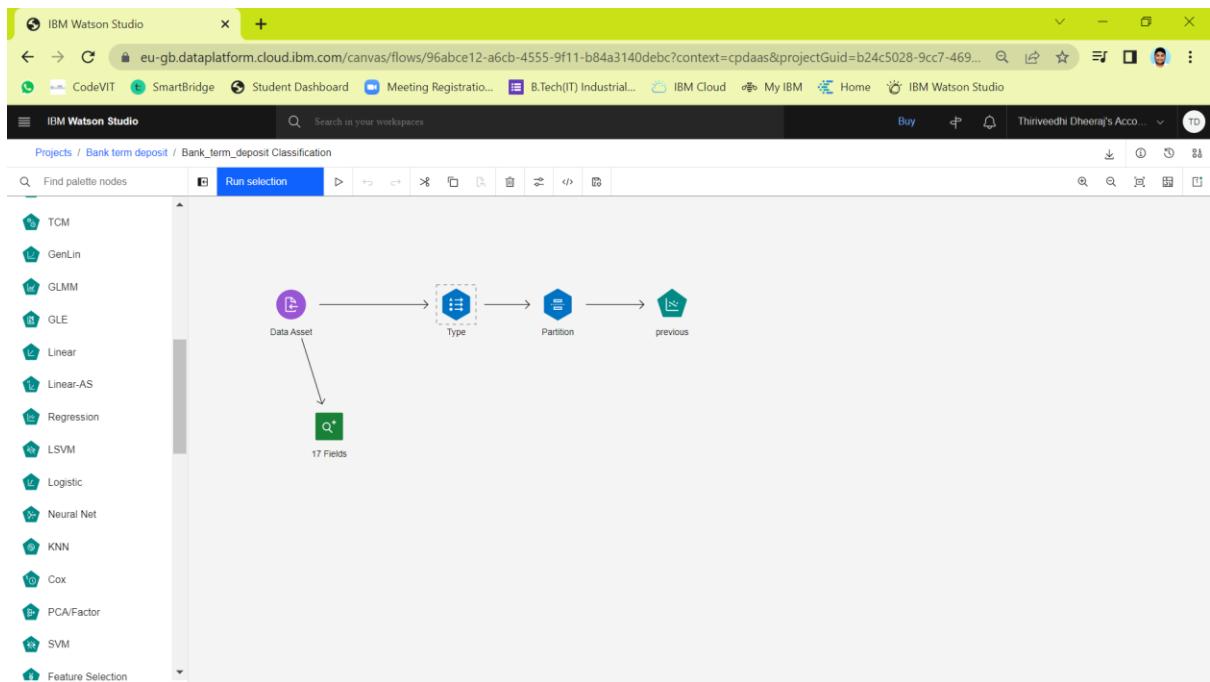
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View Output: Data Audit of [17 fields]

Field	Measurement	Outliers	Extremes	Action	Impute Missing	Method	% Complete	Valid Records	Null Value	Empty String	White Space	Blank Value
1 age	Continuous	132	0	None	Never	Fixed	100.000	11162	0	0	0	0
2 job	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
3 marital	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
4 education	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
5 default	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
6 balance	Continuous	99	74	None	Never	Fixed	100.000	11162	0	0	0	0
7 housing	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
8 loan	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
9 contact	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
10 day	Continuous	8	0	None	Never	Fixed	100.000	11162	0	0	0	0
11 month	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
12 duration	Continuous	179	22	None	Never	Fixed	100.000	11162	0	0	0	0
13 campaign	Continuous	136	74	None	Never	Fixed	100.000	11162	0	0	0	0
14 pdays	Continuous	149	27	None	Never	Fixed	100.000	11162	0	0	0	0
15 previous	Continuous	163	57	None	Never	Fixed	100.000	11162	0	0	0	0
16 poutcome	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0
17 deposit	Categorical	--	--	--	Never	Fixed	100.000	11162	0	0	0	0







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CodeVIT SmartBridge Student Dashboard Meeting Registratio... B.Tech(IT) Industrial... IBM Cloud My IBM Home IBM Watson Studio

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Projects / Bank term deposit / Bank_term_deposit Classification

View Model: previous

Regression

EVALUATION

Model Summary ANOVA Coefficients MODEL VIEWER Build Settings Training Summary

Model Summary

	1
R	0.508 [1]
R Square	0.258
Adjusted R Square	0.257
Std. Error of the Estimate	1.941

[1] Predictors: (Constant), [%1., pdaysagedurationcampaignbalance]

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View Model: previous

Regression

EVALUATION

Model Summary ANOVA Coefficients MODEL VIEWER Build Settings Training Summary

ANOVA

	1	Regression	Residual	Total
Sum of Squares	11694.477	33649.855	45344.332	
df	5.000	8934.000	8939.000	
Mean Square	2338.895	3.766		
F	620.974			
Sig.	0.000			

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View Model: previous

Regression

EVALUATION

- Coefficients**
- Model Summary
- ANOVA
- Build Settings
- Training Summary

Coefficients

		1					
		(Constant)	age	balance	duration	campaign	pdays
Unstandardized Coefficients	B	0.175	0.002	0.000	0.000	0.004	0.011
	Std. Error	0.081	0.002	0.000	0.000	0.008	0.000
Standardized Coefficients	Beta	0.013	0.028	-0.009	0.005	0.507	
t		2.162	1.424	3.058	-0.968	0.528	55.249
Sig.		0.031	0.155	0.002	0.333	0.598	0.000
Fraction Missing Info							
Relative Increase Variance							
Relative Efficiency							

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Projects / Bank term deposit / Bank_term_deposit Classification

Find palette nodes Run selection

Import Record Operations Field Operations Modeling Text Analytics Graphs Charts Plot Multiplot Time plot Distribution Histogram Collection Web Evaluation

```

graph LR
    DA((Data Asset)) --> T((Type))
    T --> P((Partition))
    P -- previous --> F17[17 Fields]
    P -- "job vs previous" --> F17
  
```

Messages

Last run was now

Success

Run was successful

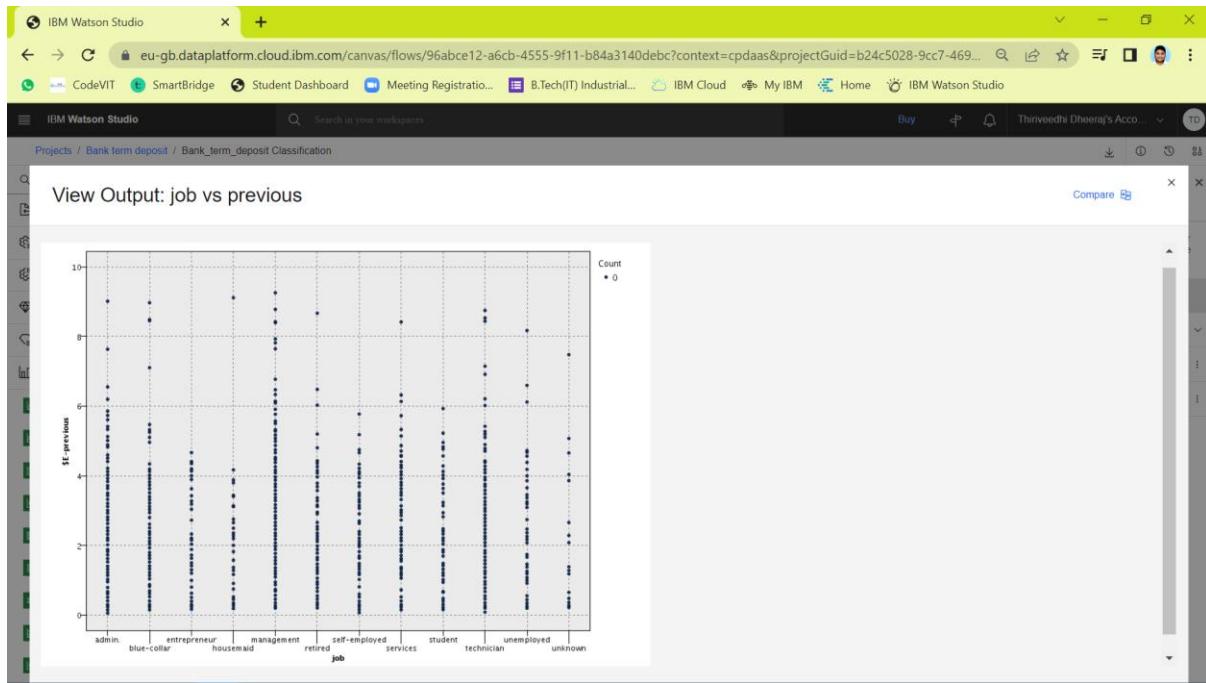
Clear all

Outputs

All results

- Data Audit of [17 fie... Just now
- job vs previous Just now
- (19 fields, 10 records) 12 minutes ago

Models



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Projects / Bank term deposit / Bank_term_deposit Classification

View Output: (19 fields, 10 records)

	age	job	marital	education	default	balance	housing	loan	contact	day	month	duration	campaign	pdays	previous	outcome	deposit	Partition
1	59	admin.	married	secondary	no	2343	yes	no	unknown	5	may	1042	1	-1	0	unknown	yes	1_Training
2	56	admin.	married	secondary	no	45	no	no	unknown	5	may	1467	1	-1	0	unknown	yes	1_Training
3	41	technician	married	secondary	no	1270	yes	no	unknown	5	may	1389	1	-1	0	unknown	yes	1_Training
4	55	services	married	secondary	no	2476	yes	no	unknown	5	may	579	1	-1	0	unknown	yes	2_Testing
5	54	admin.	married	tertiary	no	184	no	no	unknown	5	may	673	2	-1	0	unknown	yes	1_Training
6	42	management	single	tertiary	no	0	yes	yes	unknown	5	may	562	2	-1	0	unknown	yes	1_Training
7	56	management	married	tertiary	no	830	yes	yes	unknown	6	may	1201	1	-1	0	unknown	yes	1_Training
8	60	retired	divorced	secondary	no	545	yes	no	unknown	6	may	1030	1	-1	0	unknown	yes	1_Training
9	37	technician	married	secondary	no	1	yes	no	unknown	6	may	608	1	-1	0	unknown	yes	1_Training
10	28	services	single	secondary	no	5090	yes	no	unknown	6	may	1297	3	-1	0	unknown	yes	1_Training

Thank you