DATA ANALYTICS

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19BME0237
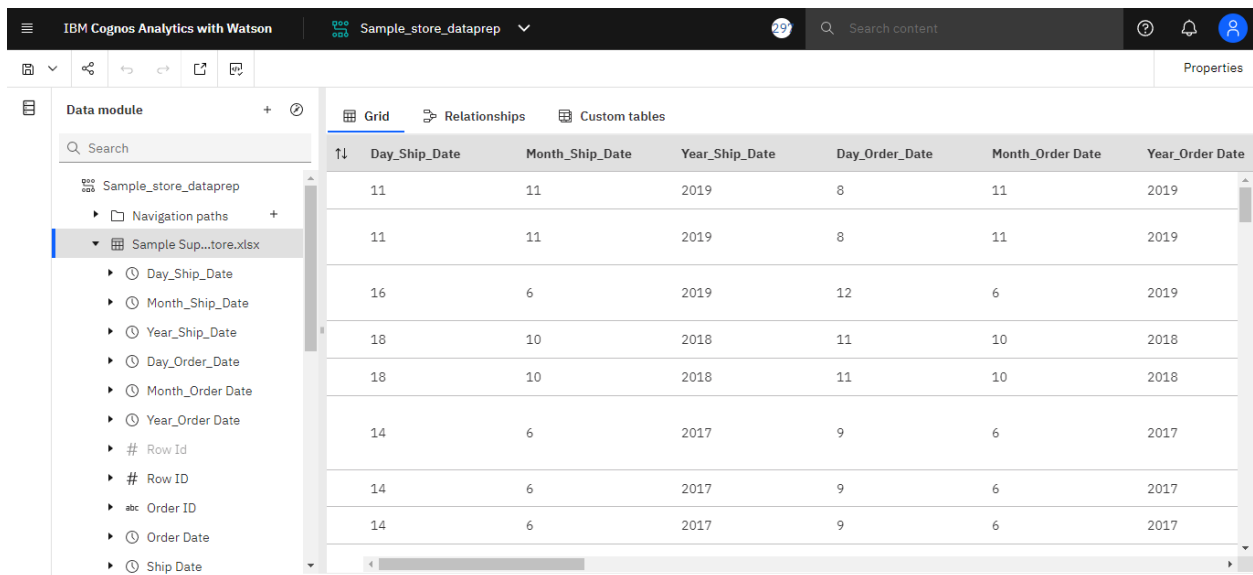
VIT Vellore

Assignment 1:

Cognos Data Analytics: Superstore

Sample Superstore data prep:

https://eu2.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2FSample_store_dataprep

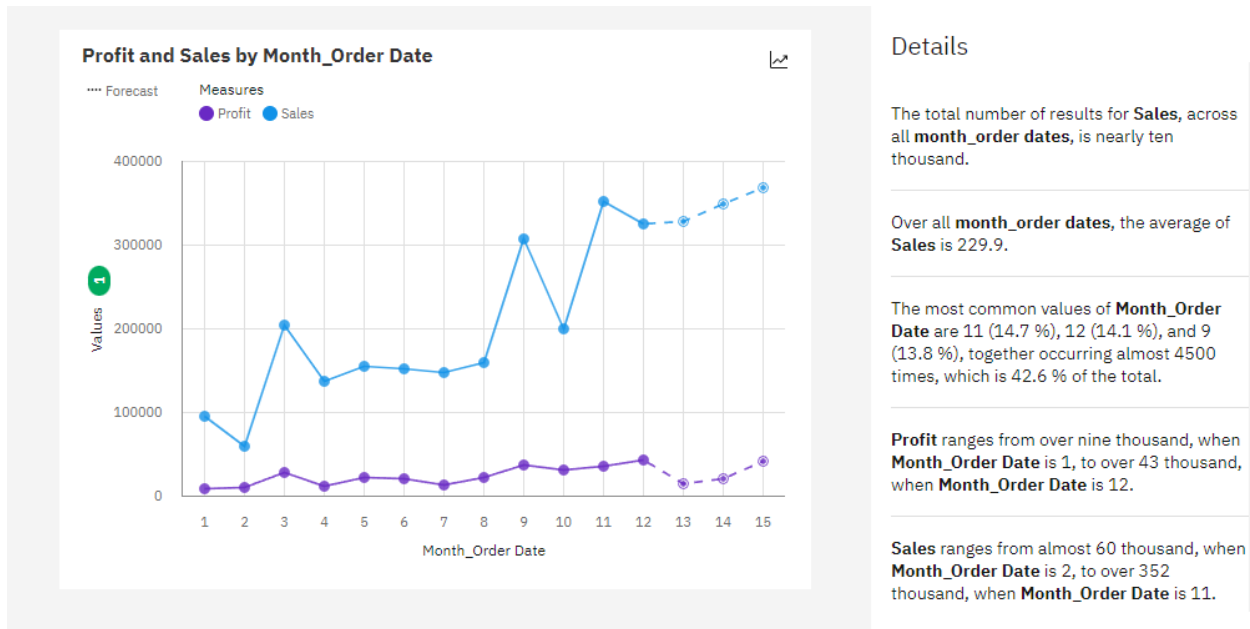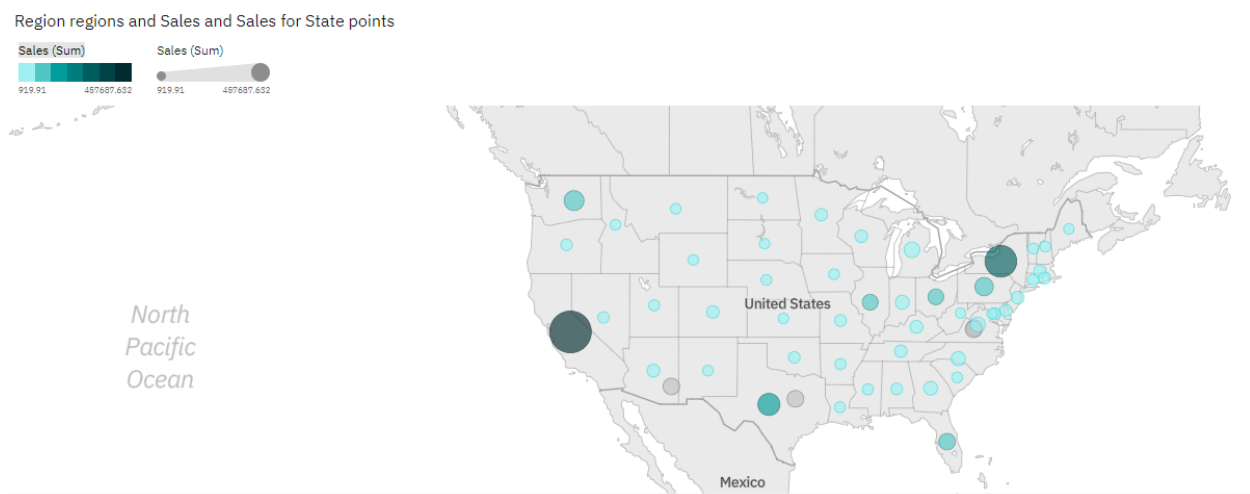Sample Superstore data Exploration:

https://eu2.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2Fsales_exploration

Sample Superstore data Dashboard:

https://eu2.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fsales_dashboard&action=view&mode=dashboard

Assignment 2:

Watson studio: Challengers.csv space shuttle

Data refining:

https://eu-gb.dataplatform.cloud.ibm.com/shaper?project_id=ef3daea2-9d65-4e55-b22d-813bababf489&flow_id=b7f98b83-8b09-4455-8abb-25302e43a05a&context=cpdaas

My projects / Challanger_LinearRegression / challengers.csv
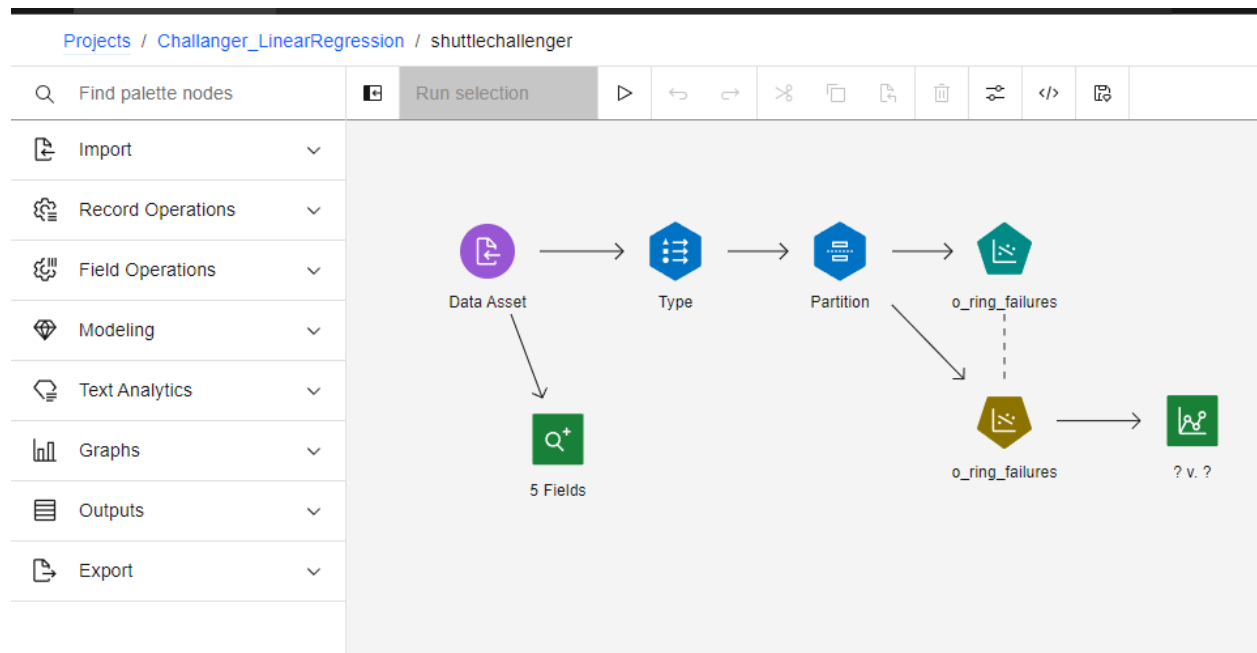
Preview   Visualization

Schema: 5 Columns
The preview includes only a limited set of columns and rows. ⓘ

Last refresh: 9 minutes ago   Refine

o_ring_ct String	o_ring_failures String	temperature String	pressure String	launch_id String
6	0	66	50	1
6	1	70	50	2
6	0	69	50	3
6	0	68	50	4
6	0	67	50	5
6	0	72	50	6
6	0	73	100	7
6	0	70	100	8
6	1	57	200	9
6	1	63	200	10
6	1	70	200	11
6	0	78	200	12

SPSS Modeler:

https://eu-gb.dataplatform.cloud.ibm.com/canvas/flows/d08662ca-1eab-4e57-bd84-ae3d46ea43b8?context=cpdaas&project_id=ef3daea2-9d65-4e55-b22d-813bababf489
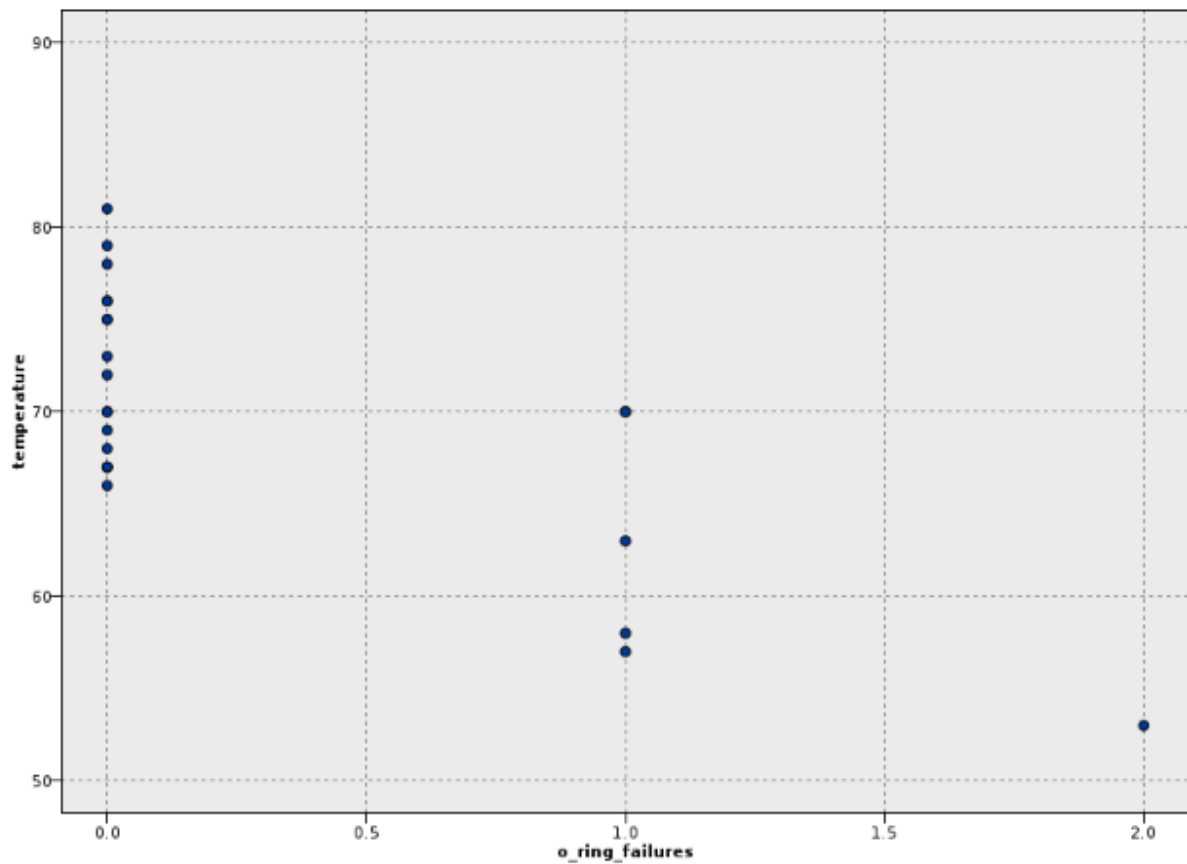
Assignment 3:

Watson studio: Diabetes.csv

Data refining:

https://eu-gb.dataplatform.cloud.ibm.com/shaper?project_id=b8dcf6c2-d718-4b0d-be07-1d1fa42dea44&flow_id=18c3d526-545d-4792-bf8c-33f5994a6147&context=cpdaas

SPSS Modeler:

https://eu-gb.dataplatform.cloud.ibm.com/canvas/flows/78e5e044-860f-4252-a430-7529dacabf49?context=cpdaas&project_id=b8dcf6c2-d718-4b0d-be07-1d1fa42dea44
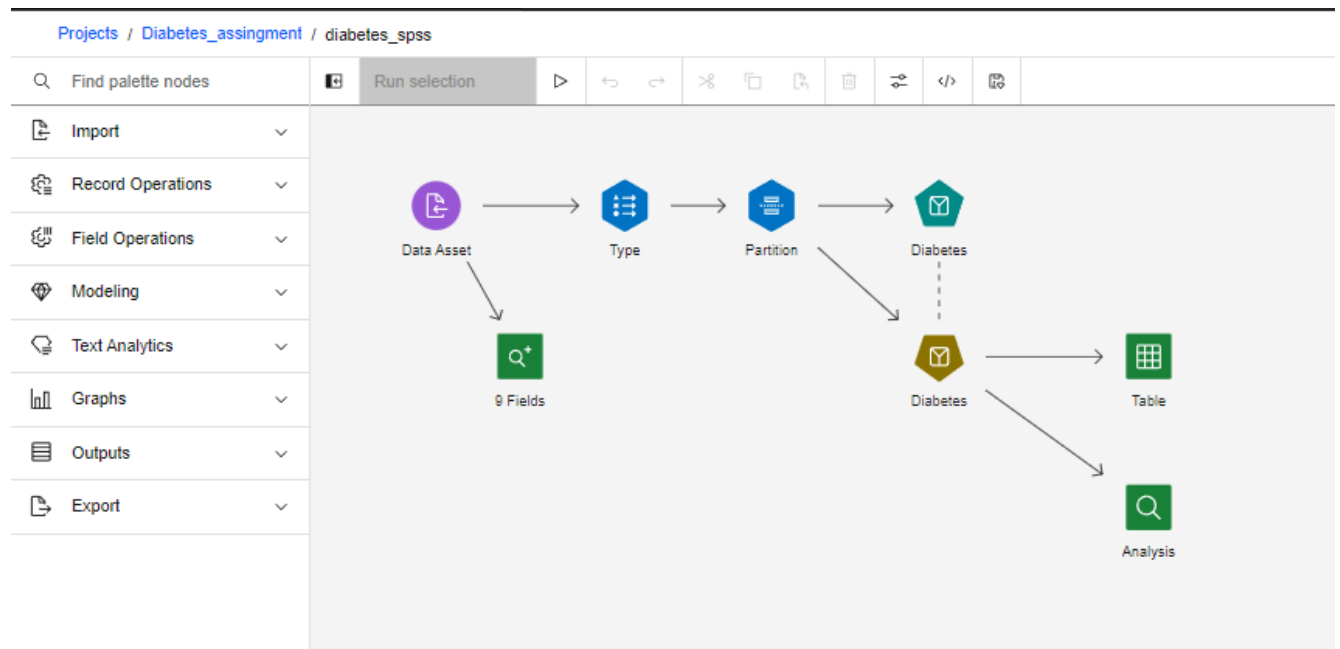
Output:

Results for output field Diabetes

Comparing $D-Diabetes with Diabetes

'Partition'	1_Training		2_Testing	
Correct	394	73.1%	171	74.67%
Wrong	145	26.9%	58	25.33%
Total	539		229	

Assignment 4:

Watson studio: Mall customers

Data refining:

https://eu-gb.dataplatform.cloud.ibm.com/projects/7eeba2ab-b82c-4dfd-95a0-5d66a8cc77c0/data-assets/e0b54419-2f23-4e33-b296-f02841eafe94?context=cpdaas&walkme_guided_tutorial=false

Preview   Visualization

Schema: 5 Columns
The preview includes only a limited set of columns and rows. ⓘ

Last refresh: 2 minutes ago   Refine

CustomerID String	Gender String	Age String	Annual Income (k$) String	Spending Score (1-100) String
1	Male	19	15	39
2	Male	21	15	81
3	Female	20	16	6
4	Female	23	16	77
5	Female	31	17	40
6	Female	22	17	76
7	Female	35	18	6
8	Female	23	18	94
9	Male	64	19	3
10	Female	30	19	72
11	Male	67	19	14
12	Female	35	19	99

SPSS Modeler:

https://eu-gb.dataplatform.cloud.ibm.com/canvas/flows/a7b64b82-0a8d-4cb3-86b1-9e48d8ec13d2?context=cpdaas&project_id=7eeba2ab-b82c-4dfd-95a0-5d66a8cc77c0