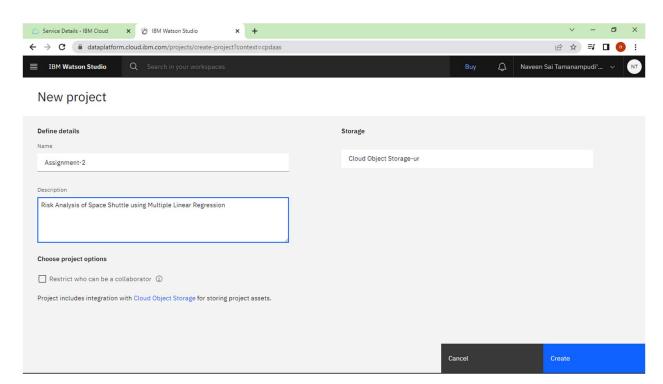
# Data Analytics Externship Program Assignment-2

Name: Tamanampudi Naveen Sai Email ID: <a href="mailto:naveen.19bcd7003@vitap.ac.in">naveen.19bcd7003@vitap.ac.in</a>

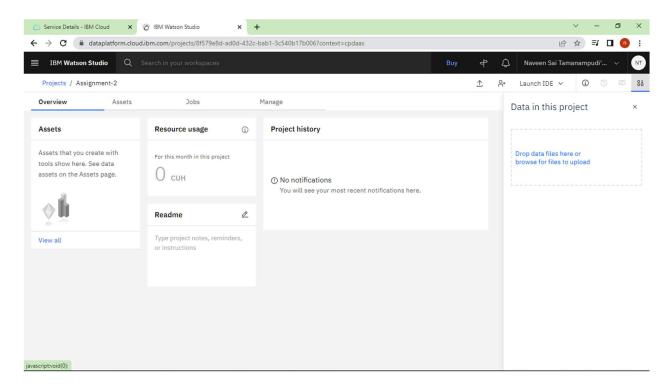
# Risk Analysis of Space Shuttle using Multiple Linear Regression

Dataset Used: challengers.csv

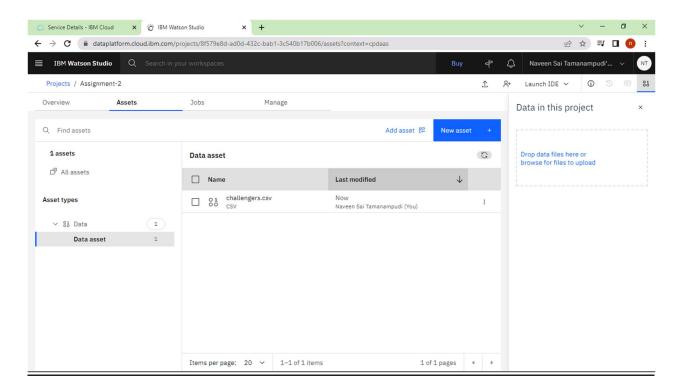
#### **Creating the Project**



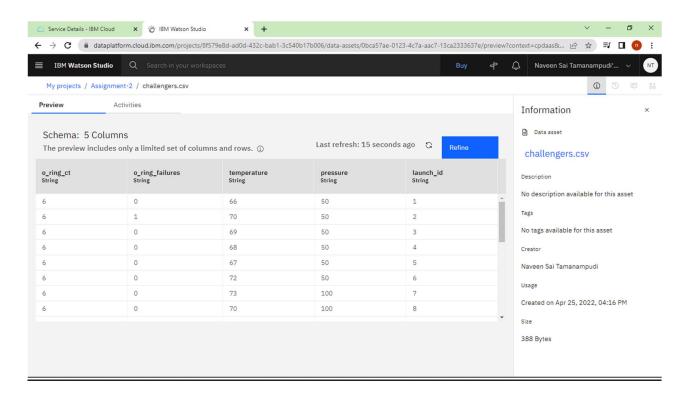
#### **Project Overview:**



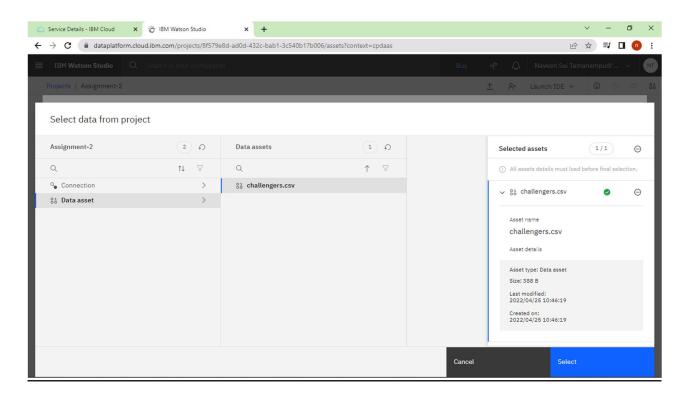
# **Uploading Data:**



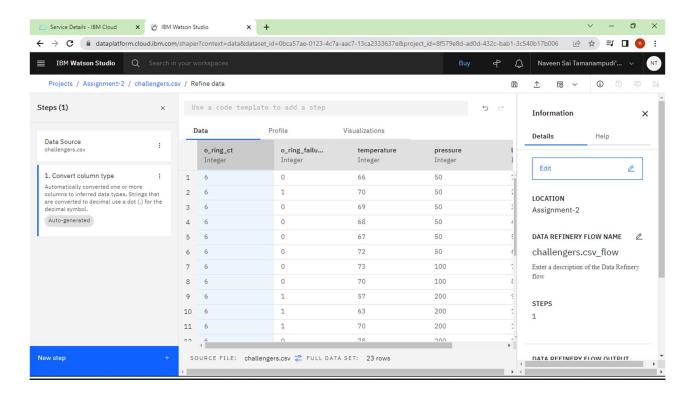
#### **Viewing the Data:**



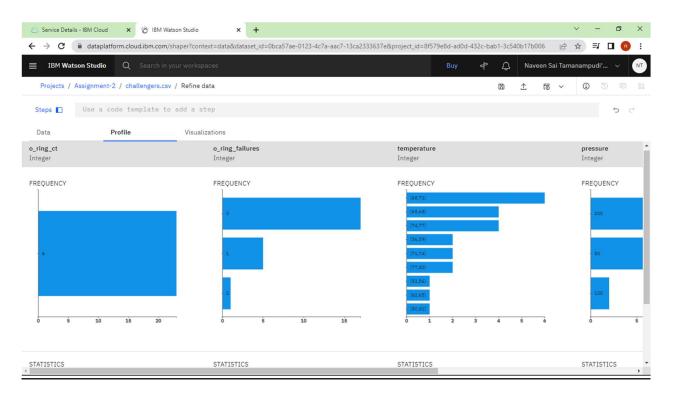
# **Creating a Data Refinery:**

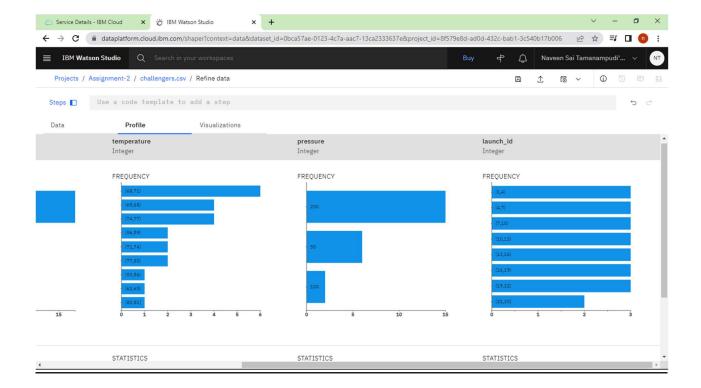


## Viewing the output of refinery:

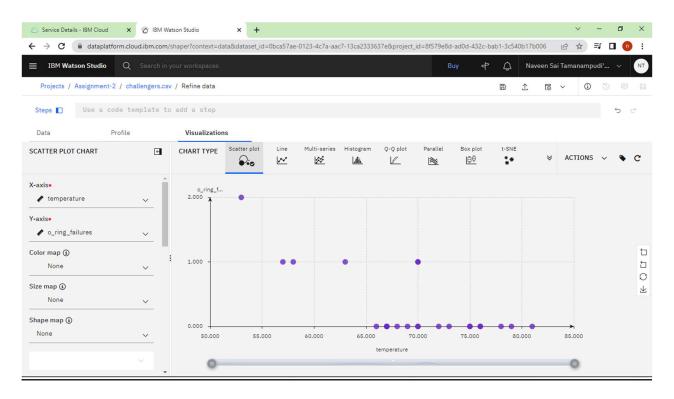


# **Viewing Profile:**

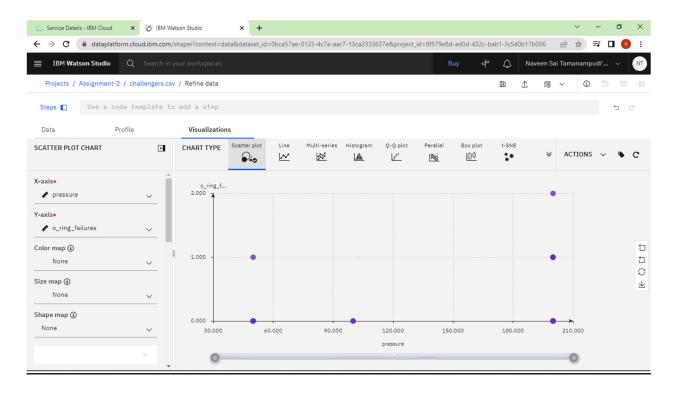




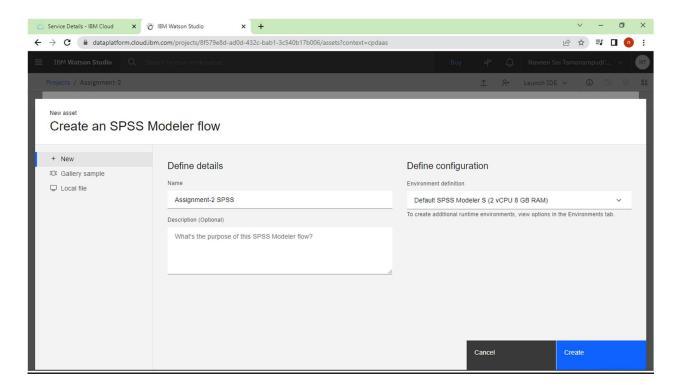
# <u>Scatterplot of Temperature vs o\_ring\_failures:</u>



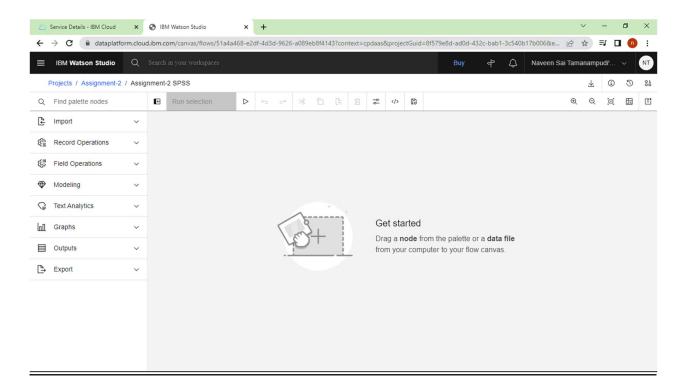
## Scatterplot of Pressure vs o ring failures



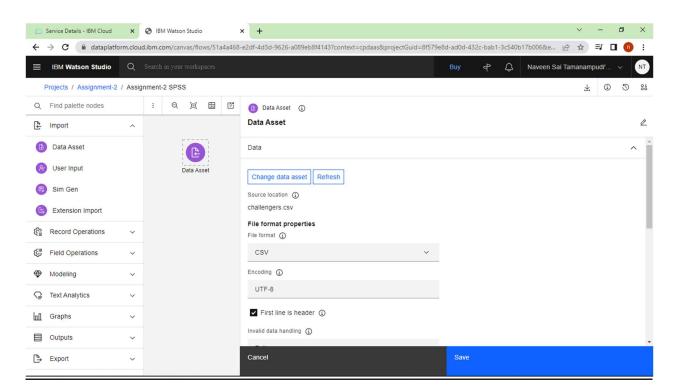
# **Creating an SPSS Modeler:**



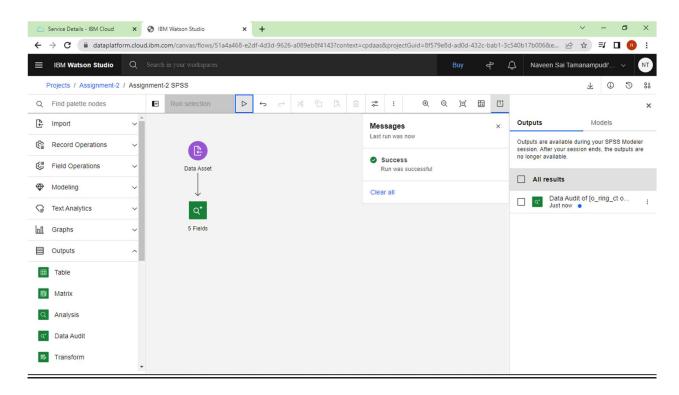
#### **Created Workspace:**



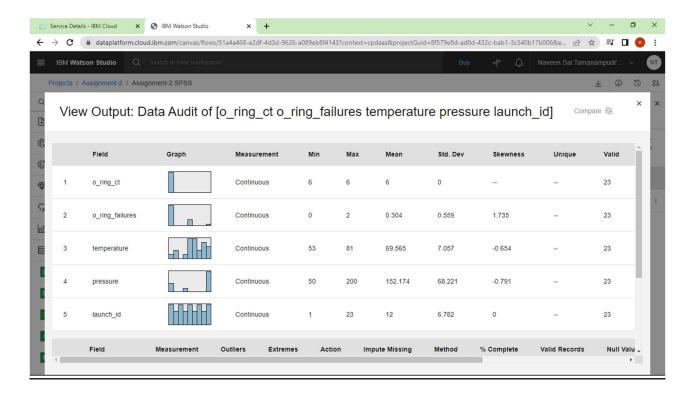
# **Choosing Dataset in Data Asset Node:**

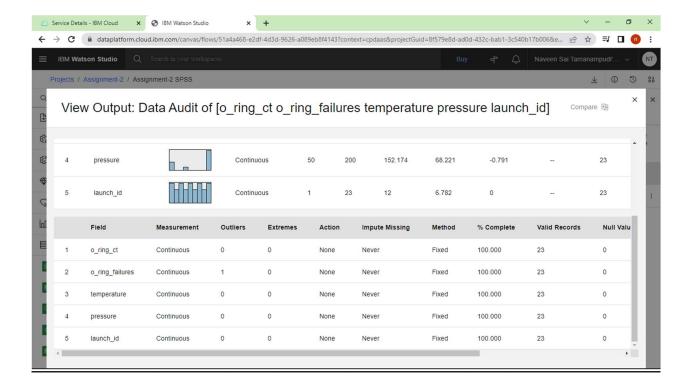


#### **Creating a Data Audit Node:**

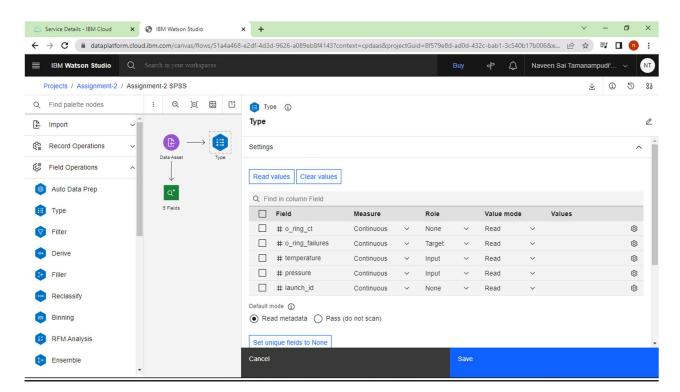


## **Output from Data Audit:**

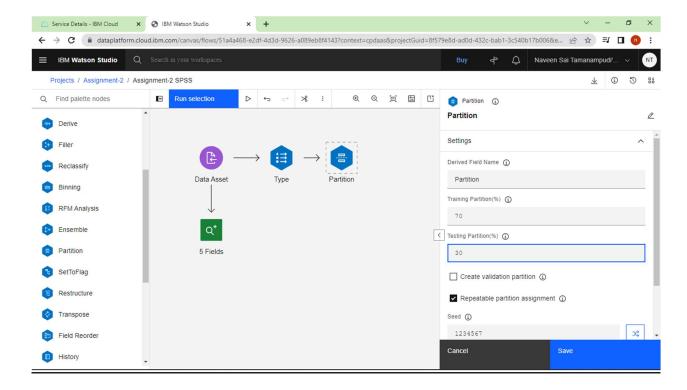




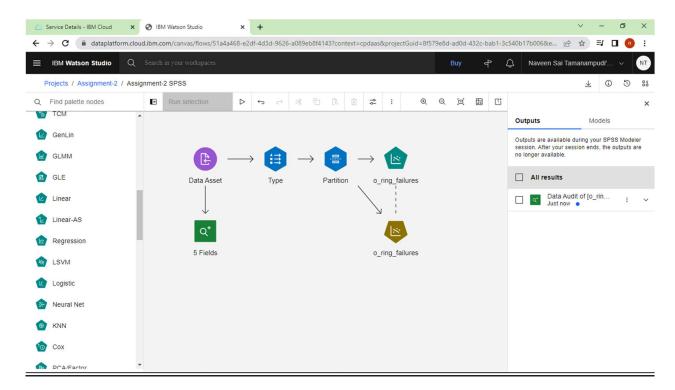
# **Creating a Type Node and setting Inputs, Targets:**



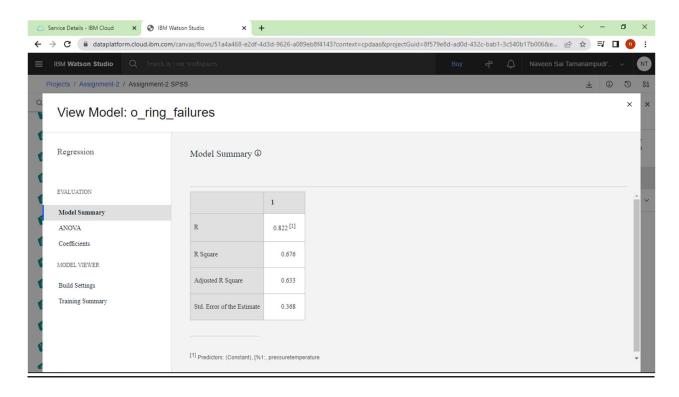
#### **Creating a Partition Node with 80:20 split:**

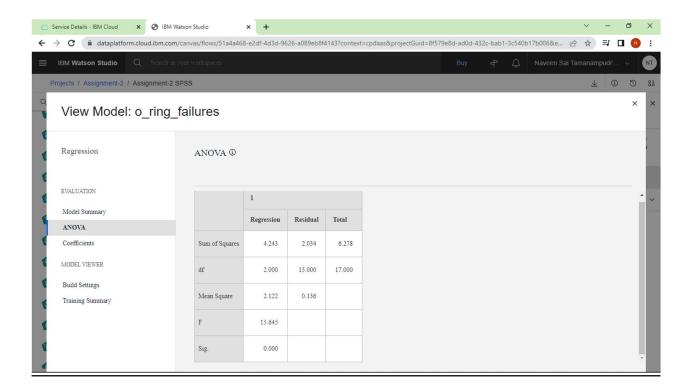


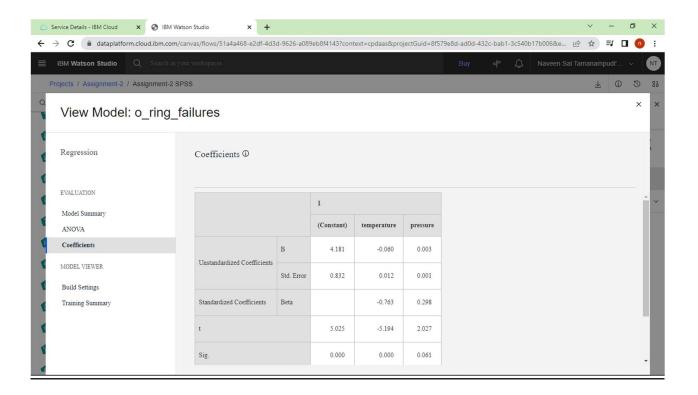
## **Creating a Regression Model:**

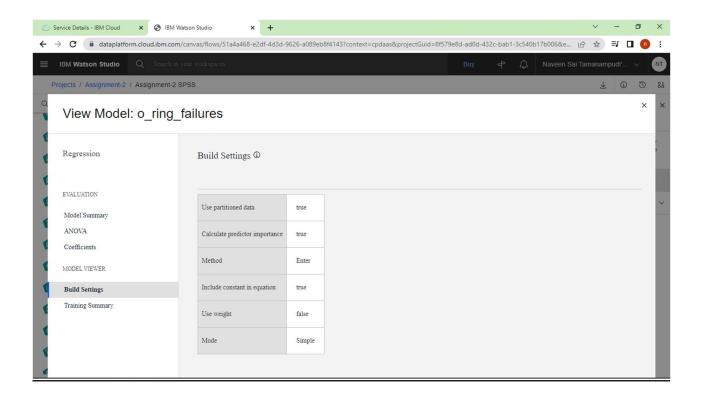


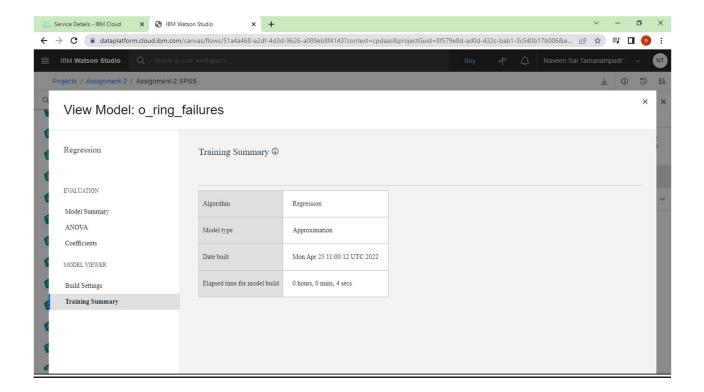
#### **Output:**



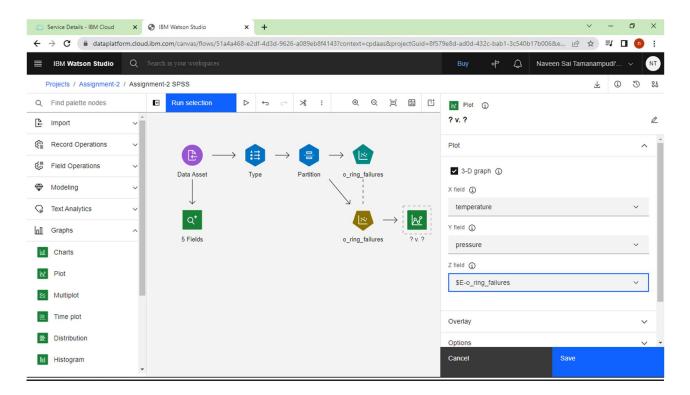








#### **Creating a Plot Node:**



#### **Output:**

