

# Applied Data Science and Machine Learning Course

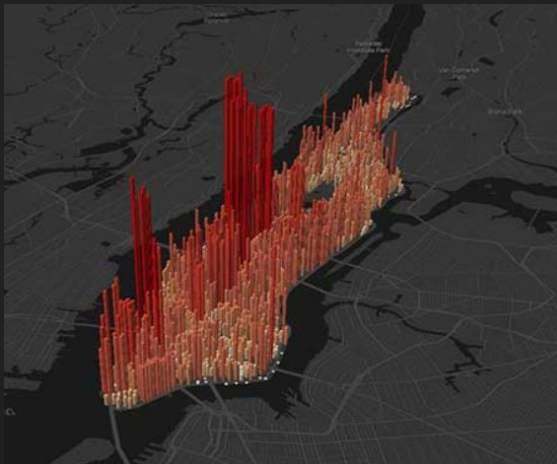
**Mohammad Sabik Irbaz**



Powered by Pioneer Alpha Ltd.

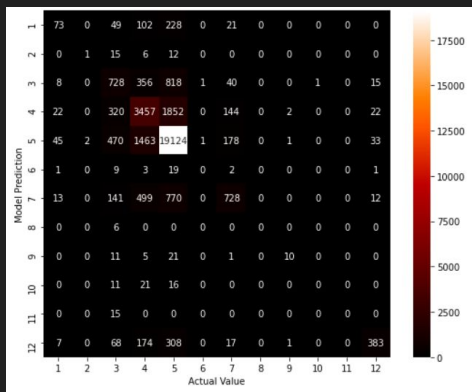
# Data Visualization

The most effective technique to understand and present complicated ideas, correlations and patterns.



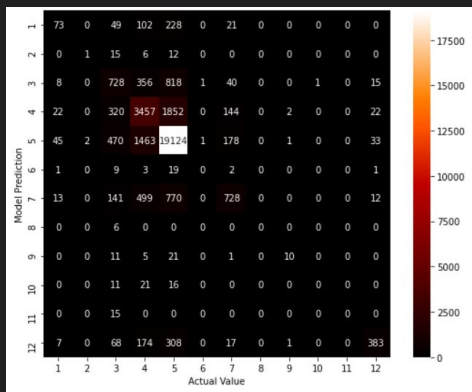
# Why?

Explore

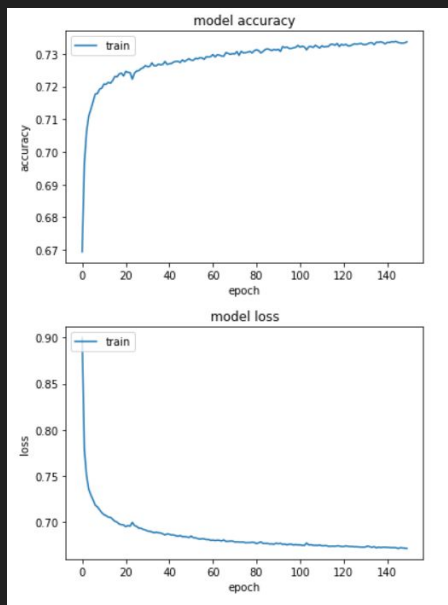


# Why?

Explore

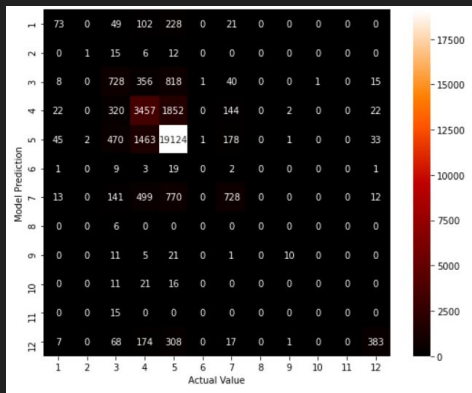


Analyze

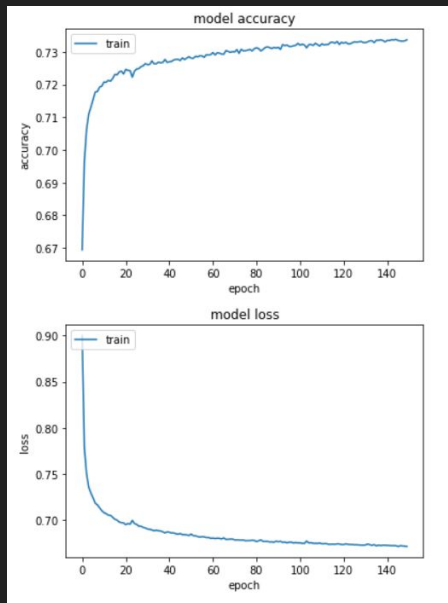


# Why?

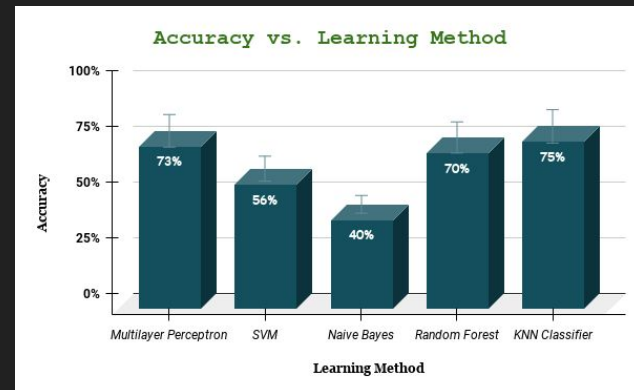
Explore



Analyze



Present



## Hans Rosling - 200 Countries 200 Years 4 Minutes



[https://www.youtube.com/watch?v=jbkSRLYSojo&ab\\_channel=BBC](https://www.youtube.com/watch?v=jbkSRLYSojo&ab_channel=BBC)

# How?

03

**DATA**

# How?

03

**DATA**

*Design*



# How?

03

**DATA**

*Design*

*Story*

# How?

03

**DATA**

*Design*

*Story*

*Context*

# Why Tableau?



Considered Leader among visualization tools

Easy To Use

Interactive

Better Integration

# *Let's Dive into Our Long Journey of Data Visualization with Tableau*