

# Ravi Choudhary

Data Scientist

## Contact

### Address

NEW DELHI, Delhi, 110029

### Phone

870 069 8677

### E-mail

ravichoudhary141991@gmail.com

### LinkedIn

linkedin.com/in/  
/ravichoudharyy

### WWW

https://github.com/  
/ravicodry

## Skills

### Python

Very Good

### Machine learning

Very Good

### Hypothesis Testing

Very Good

### Predictive Analysis

Very Good

### Scikit learn

Very Good

### Visualization

Well-qualified Data Scientist experienced working with vast data sets to break down information, gather relevant points and solve advanced business problems. Skilled in **Python, SQL, Statistical Tools, Big Data Tools, Machine Learning model building, EDA and Cloud Based Platform(AWS)**. Offering +5 years of experience in improving business operations.

## Work History

2017-11 -

Current

### Station Controller(Data Scientist)

*Delhi Metro Rail Corporation LTD, NEW DELHI, Delhi*

- Recently Worked on equipment failure data ,a statistical/Machine learning model had built, which reduced number of failures by 11%.
- Developed data-gathering and reporting structures from ground up and strategized methods capitalizing on system features..
- Performed passengers segmentations of metro cards and leveraging analytics to improve services.
- Applied statistical and algebraic techniques to interpret key points from gathered data.
- Used Data Wrangling and Machine Learning algorithms to analyze and solve complex business problems..

2020-06 -

2021-04

### Fellowship

*Springboard, NEW DELHI, Delhi*

- Developed and implemented machine learning applications in more than 30 project.
- Built Recommendation Engine, statistical approaches and mathematical algorithms to support project requirements.

2015-01 -

2017-10

### Project Manager

*Gronical App Studio, New Delhi, Uttar Pradesh*

- Performed daily administration of storage equipment to optimize system resource utilization.
- Led and managed staff of 8 team members engaged in administering complex IT infrastructure.

2013-06 -

2014-11

### Assistant Project Manager

*Unibera Software Solutions, Noida, Uttar Pradesh*

Very Good

Pandas

Very Good

Statistical analysis

Very Good

Microsoft Excel

Very Good

BigQuery

Very Good

- Built statistical reports of utilities And Entertainment App using Google Data Studio and Python library.
- Used Search Engine Optimization Technique to increase number of downloads by 10k in App Store And Blackberry App world.

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## Project

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### **Recommendation Engine/ Springboard.**

**About the Project:** The goal is to provide the discounted fare to the passenger as per his/her most frequent travelling destination.SV2 card was used to follow the passenger journey time and destination. All the data were stored in csv format.

**Technology Used:** Python,Recommendation Engine Tools,

**Role:** Developing python based recommendation engine to provide more customized fare model for every age group.

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## Education

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2021-02 -  
Current

### **Master of Science: Artificial Intelligence**

*Indian Institute of Technology, Jodhpur -  
Jodhpur,Rajasthan*

2009-08 -  
2013-05

### **Bachelor of Science: Electronics and Communication**

*Guru Gobind Singh Indraprastha University - NEW DELHI*

- Coursework in Applied Mathematics,Database Management and Object Oriented Programming