

# Rohan Ayush

Data Scientist: Expert in Data Analysis and ML Modeling (Python, R) and Data Visualization (Tableau)

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## EXPERIENCE

**DCT,Pune - ( Software Engineer )**  
April,2023 - September,2023

**Freelance ( Angular Developer )**  
December 2022- March -2023

**Techup Labs – ( SDE-2 )**  
August 2022 - October 2022

**Infosys, Hyderabad – (Senior Systems Engineer )**  
May 2019- May 2022

## EDUCATION

National Institute of Science and Technology, [Berhampur](#) – BTECH in Information Technology  
2015 - 2019  
Cgpa of 7.36

## SKILLS

[Google Data Analytics Certification](#)

[Google Advanced Data Analysis Certification](#)  
Machine Learning, Data Analytics, Data Vizualisation  
Technologies: Python,R, SQL, Tableau,Excel, Javascript, Angular  
Others: Git, CI/CD, Kaggle, Google collab

## WORK PROJECTS

### Work Scheduling System - Built using Angular, SAP based API,Bootstrap

- Application catered to **entire employees at Poland for scheduling working hours**
- Designed **different roles** based on employee
- SAP API requests and integration
- **Excel upload/download** for scheduling and ability to schedule on view as well
- Schedule leave or weekly off
- **Copying** schedule to **multiple employees**

### Infosys Employee Desk - Built using Angular, Flask,SAP and on premise API

- Served for team at Internal Systems for employees’ activity like relieving and entering to Organisation
- **Smoothend the process of review and analysis** by giving Reasons flown from SAP at one place
- Easy and Dynamic **Search suggestion** using Angular Material
- **Used Graphs** to show data in appealing way
- Having the ability to choose time frame for accurately seeing the patterns

## PROJECTS SHOWCASE

### Salifort Motors HR Analysis and Machine Leaning Model (Customer Churn)-Logistic regression - Python ([Repository](#))

- Performed exploratory Analysis
- Trained model to predict Customer Churn
- Used Logistic Regression

### Kaggle Trending Youtube Videos Analysis- Python, ([Repository](#) )

- Performed exploratory data analysis on trending YouTube videos in India
- Analyze trends based on graphs drawn
- Drew correlation between views comments and likes through heatmaps

### Zomato Restaurant Data Analysis ( [Repository](#) )

- Did EDA to find relation between different variables
- Matplotlib graphs/charts to show outcome

### Data Science Salaries Data Analysis ( [Repository](#) )

- Kaggle Dataset with usability 10
- Did Exploratory Data Analysis
- Found out patterns hidden in data and compared through seaborn graphs/charts to show relation

### New York Yellow Taxi Analysis( Time series) - Python ( [Repository](#) )

- EDA done through visual Seaborn charts
- Performed 2-pair statistical test for hypothesis testing
- Prepared Rainforest model and XGBoost model for prediction

### Recommendation API - Flask,hosted on Heroku ([Live](#)) ([Repository](#))

- Predict category for content
- Suggest articles using news api/google news

### Trends API -Flask-Hosted on Heroku ( [Live](#) ) ( [Repository](#) )

- Suggest term recommendations
- Return trends based on country parameter

### Content Based Recommendation- Machine Learning- Scikit Learn,Cosine Similarity, BBC news Dataset ( [Repository](#) )