Ruchika Sinha

Data Scientist

Professional data scientist with an experience of 4 years. Seeking for a responsible position optimally where I can utilize my experience for the benefit of company and my personal growth.

ruchikasinha93@gmail.com ✉

9165530644 📱

Bangalore 📍

WORK EXPERIENCE

Data Scientist
Tata Consultancy Services

2018 – Present   *Bangalore*

Achievements/Tasks

- Customer Churn Detection- Churn rate is basically related to how likely a customer is suppose to leave or cease paying for a product or service. I have used XGBoost model which have given an accuracy of around 90% in our prediction. In this I have worked on data preprocessing, model building and model validation.
- Technologies involved : python, Spyder IDE

Data Scientist
Tata Consultancy Services

2016 – 2018   *Bangalore*

Achievements/Tasks

- Customer Lifetime Value Prediction- CLV is a prediction of all the value a business will derive from their entire relationship with a customer. It helped us to create and sustain beneficial relationships with selected customers, therefore generating higher profitability and business growth. Used Linear Regression model.
- Technologies involved : python, Spyder IDE

EDUCATION

B.E. - Electronics & Telecom Engineering
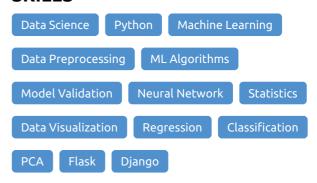**Bhilai Institute of Technology**

08/2012 – 05/2016   *Durg*

CGPA

- 8.01

Class X and Xii CBSE Board
JNV, Basdei

Percentage

- 91.4% in X & 89.6% in XII

SKILLS

`Data Science` `Python` `Machine Learning` `Data Preprocessing` `ML Algorithms` `Model Validation` `Neural Network` `Statistics` `Data Visualization` `Regression` `Classification` `PCA` `Flask` `Django`

PERSONAL PROJECTS

Website Blocker
- In this Python project, I created a set of code to block a list of websites for the internal security of a firm. Employees won't be able to access few sites e.g. social sites
- Technologies involved- Python, File handling, Spyder

Retention Analysis
- Created this project to study the employee behavior in my team. Gathered the data of the teammates and then followed data science pipeline. Worked on multiple models and parameter optimization using grid search.
- Technologies involved- Python, File handling, Spyder

ACHIEVEMENTS

Intellipaat Certification
Took up this certification as a side project

I excelled in the basic concept of Python. Got a good hands on in data visualization by the use of matplotlib library. Worked on multiple algorithms and its optimization as well. I successfully completed the certification with a score of 85%.