Swapnil Manoj Patil

Python and R developer

To work with leading company and to use my analytical thinking to the best of my ability combined with perseverance, so as to contribute to organization's growth and goal, as well as to attain my professional goal.

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WORK EXPERIENCE

Python and R Developer
Tata Consultancy Services

11/2021 - Present *Pune*

Information Technology & Services

Achievements/Tasks

- Developing scalable web based tool to estimate sales of Non-coorparative chains through end -end automation.
- Working on backend using R , Python and PostgreSQL. Writting script to do the statastical analysis of the data and genrating the kpis Which helps to estimates the market flow in retail sector.
- Actively worked in an agile software development environment which utilized the Scrum process.
- Technology stack of project : Python, R, PostgreSQL, Java , Spring boot,Tibco spotfire,Azur,jenkins.

Machine Learning Intern
iNeuron.ai , Bengaluru

08/2021 - 12/2021 *Bengaluru*

Achievemedsnts/Tasks

- To Developed End to End Machine learning models with modular coding.
- Create Documentation of Projects.
- Deployment of model to Heroku,AWS.

EDUCATION

Electronics and telecommunication Engineering
SSBTs Collage of Engineering and technology

06/2017 - 08/2021 *Jalgaon*

Bachelor of Engineering

- **CGPA : 7.39**

HSC
Pratap Collage

06/2016 - 05/2017 *Amalner*

Science

- **Percentage : 63%**

SKILLS

Python | R | PostgreSQL | Machine learning | Data analysis | Flask | PySpark | HDFS | HTML & CSS (Basics) | YARN | Map reduce | Hive | Git

INTERNSHIP & PERSONAL PROJECTS

Insurance Premium Prediction(ON-Going)
(02/2022 - Present)

- **Technology used** : Python, scikit-learn, Flask, HTML and CSS.
- **Project Description :** • This is machine learning project make by using Random Forest Regression algorithm for the predicting the chance of student to get admission for masters.
- **Work-done** : Collect data then handle missing values, finding outliers, visualize data more clarity, feature engineering then feature selection, train model using Random Forest Regression with **83.34 score.**
- **Remaining - work** : Modular coding and deployment.

Predict Change of Admission (09/2021 - 09/2021)

- **Technology used**: Python, scikit-learn, Flask, Heroku, HTML and CSS.
- **Project Description:** • This is machine learning project make by using multiple linear regression algorithm for the predicting the chance of student to get admission for masters.
- **Work-done**: Collect data then handle missing values, finding outliers, visualize data more clarity, feature engineering then feature selection, train model using multiple linear regression with **84.54 score.**
- **Deployment link**: https://admission-predictor-webapp.herokuapp.com/.

LANGUAGES

English
Professional Working Proficiency

Hindi
Full Professional Proficiency

Marathi
Native or Bilingual Proficiency

INTERESTS

Data Engineering | Machine learning | AI