Shruti Kothadia

Post Graduate In Business Analytics

Skilled in EDA, data mining, predictive modelling and data visualization for deriving valuable and actionable insights from data.

Contact

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https://www.kaggle.com/shrutikothadia

Software

Excel
Power BI
Python
Java
MySQL
R
Tableau
IBM SPSS Statistcis
STATA
Cloud Services - Heroku
Flask
TensorFlow
Matlab
Jupyter Notebooks

Skills

Exploratory Data Analysis
Predictive Analytics
Analytical Thinking

Projects

- **Heart Attack Predication and Analysis**
  Implemented feature selection, multiple statistical classification models and optimized them using Pandas, scikit-learn, seaborn libraries in Python.
- **Effect of features in mobile pricing**
  Implemented classification model in R to identify the quantitative effect of features on the pricing of a mobile phone.
- **Used car price prediction**
  Implemented a XGBoost regression model and feature elimination in python to predict the price of used cars with an accuracy of 84% using hyperparameter tuning
- **Product promotion based on customer behaviour**
  Predicted the products to be promoted to a customer, based on historical products used, by using Multi-class classifier (Random forest and AdaBoost Classifier) with an accuracy of 90%
- **Employee attrition prediction**
  Implemented a classification model in python to predict which employee will leave the organisation in the next 6 months

Education

2020-10 - 2021-11

Post Graduate Diploma: Business Analytics

Birla Institute of Technology And Science - GPA : 8.16

- Coursework in Foundations of Data Science, Quantitative Measures, Advanced Statistical Methods, Predictive Analytics, Supply Chain Analytics, Financial Analytics and Data Visualization and Communication.

2013-08 -

B.E : Electronics And

Data Cleaning
Hyperparameter tuning
Predictive Modelling
Statistical Modelling

Languages

English   ■ ■ ■ ■ ◻
Very Good

German   ■ ◻ ◻ ◻ ◻
Basic

2017-06

Telecommunication

Pune Institute of Computer Technology - GPA : 9.47

Coursework in Artifical Intelligence, Soft Computing and Digital Image Processing. Implemented a project for object detection in python and openCV using cascade classifier with an accuracy of more than 95%

Certifications

2019-02   Business Metric for Data-Driven Companies - Duke University

2020-05   Managing BigData with MySQL - Duke University

2020-05   Data Visualization and Communication with Tableau - Duke University

Accomplishments

- Publication of 2 paid articles in Data Science Blogathon organised by Analytics Vidhya.
- Secured highest score in Data Visualization and Communication course by creating a dashboard in Power BI within 2 hours and deriving insights from it.

Work History

2017-07 - Current

Senior Quality Assurance Engineer

eQ Technologic India Pvt Ltd, Pune

- Created and presented a dashboard using eQube-BI and identified the factors that affect the performance of a student
- Maintain data quality, harmonization, modelling, manipulation and reporting using DML and DQL for multiple connector of a Business Intelligence tool
- Implemented database design for daily progress reporting
- Led multiple process improvements while leading a team of 3 QA engineers to reduce manual work and improve efficiency and quality of deliverables.