APURVA PATWARDHAN

JR. DATA SCIENTIST

ABOUT

A data analytics student with hands-on experience in machine learning, data mining, predictive modeling, data visualization, and business finance as a part of course work. Highly motivated to learn new things and excel in the field of data science.

OTHER SKILLS

- Exceptional communication and networking skills
- The ability to analyze complex information and multi-task
- Organization skills
- Research and problem solving skills
- Creative and detail oriented
- Quick learner

CERTIFICATIONS

- German A1 level (Synergy Institute, Pune.)
- German A2 level (Goethe Institute, Pune.)
- German B1 level (Goethe Institute, Pune.)

LANGUAGES KNOWN

English (Fluent) | Marathi (Fluent) | Hindi (Intermediate) | German (Intermediate)

PAPERS PUBLISHED

Title: "COVID 19 and its impact on major sectors of the economy".

CONTACT

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in www.linkedin.com/in/apurva-patwardhan |

https://eportfolio.greatlearning.in/apurva-avinash-patwardhan |

SKILLS

Machine Learning: Classification, Regression, Clustering models
Statistical Methods: Predictive Analysis, Hypothesis Testing, ANOVA, Probability
Programming Languages: R, Python
Database Language: SQL (Beginner)
Data Reporting Tool: Tableau (Beginner)
Other: MS Office (Excel, Word, PowerPoint), Data Interpretation, Data Visualization

EDUCATION

BACHELOR OF COMMERCE | 2015 - 2018
(SHIVAJI UNIVERSITY, KOLHAPUR)

POSTGRADUATE DIPLOMA IN DATA ANALYTICS IN ECONOMICS | 2019 - 2020 (SAVITRIBAI PHULE PUNE UNIVERSITY)

POSTGRADUATE PROGRAM IN DATA SCIENCE AND BUSINESS ANALYTICS| 2020 - PRESENT
(Great lakes institute of management in collaboration with the university of texas, Austin)

PROJECTS

1.BANK CUSTOMER SEGMENTATION AND INSURANCE CLAIM PREDICTION

Created data models with hierarchical clustering and K-means clustering to identify customer segments for promotional offers based on the credit card usage data. Also built Classification and Regression Trees, Random Forest, Artificial Neural Network models to help the management of an insurance firm in managing higher claim frequencies.

2. GEMS & HOLIDAY PACKAGE PREDICTION

With the help of a linear regression model, predicted the prices of gems based on multiple variables to help the company maximize the profits. Also built and compared between logistic regression and linear discriminant analysis models to predict if the customers will purchase a particular holiday package after analyzing a target customer base.

3. ELECTION EXIT POLL PREDICTION AND U.S.A PRESIDENTIAL SPEECH ANALYSIS USING MACHINE LEARNING

Text analysis of USA presidential speeches. Also, build various models using support vector machine, ensemble technique, and regression to predict which party a citizen is going to vote for on the basis of their age and according to the answers given by citizens in the survey.