AMIT PHADKE

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EXPERIENCE

Katch Media

Data Science Intern   *Remote (July 2020 – Present)*

- Leading a team of interns to build fixed effects machine learning models for gathering insights on box-office revenues across different markets.
- Responsible for research, development, and implementation of a revenue prediction model for a large data of movies.
- Built automated scraping scripts in Python, Selenium and Scrapy to get data from web sources into spreadsheets, and databases.
- Collaborated on a team responsible for applying NLP techniques on movie scripts and built a recommendation model with an accuracy of 75%.

Accenture

Associate Software Engineer   *India (December 2017 – February 2019)*

- Contributed to a team as software engineer to develop and maintain software systems for a major insurance service company.
- Responsible for fixing defects, build queries and execute user stories using technologies like SQL and COBOL.
- Contributed to a team responsible for analyzing and upgrading the core programs that were used in the project.

Techspawn Solutions

Web Developer   *India (December 2016 - June 2017)*

- Developed web applications on two E-Commerce websites with technologies like SQL, JavaScript, and PHP.
- Collaborated on a team that was assigned with building a tool for transferring data between the Odoo Framework and the Wordpress Framework using REST API's, PHP, and Python.
- Managed the Implementation, Development and Deployment of a Dynamic Content Website for a real-estate developer.

SKILLS

Tools and Programming Languages: Python(Matplotlib, Scikit-Learn, Pandas, Scrapy, Selenium), SQL(SQLITE3, Mysql, PostgreSQL, DB2), R Programming, Tableau, Google Analytics, Git, JavaScript, PHP, COBOL, CSS, HTML, MS Excel, Weka, MS Access.

Relevant Coursework: Data Mining, Data Visualization, Machine Learning, Business Intelligence, Data Analytics, Database Management, ETL, Web Analytics.

ACADEMIC PROJECTS

Income Classification of Adults in USA | Python, Pandas, Scikit-Learn

- The aim of this project was to build a classification model to predict if an adult in the U.S.A will earn more than $50K.
- The data was modeled using the Random Forest and Logistical Regression algorithm for prediction of the income.
- The analysis successfully built a model that classified the salary, with an accuracy of more than 80%.

UFC Data Analysis | Python, Pandas, Matplotlib, Seaborn, Tableau

- This project was a sports analytics project that analyzed data of the UFC since its inception in 1993.
- Python was used for data processing and exploratory data analysis while Tableau was used for presenting the data as dashboards.
- The data analysis successfully gathered insights on the stats of fights and the athletes competing in those fights.

Spotify Song Recommendation System | R, GGPlot

- The project aimed at using unsupervised learning algorithms like hierarchical clustering and Kmeans clustering to group songs into sets based on the song's audio properties.
- The project was exclusively executed in R programming with the help of libraries such as NBClust, Caret, ggplot2, dplyr, etc.
- An Exploratory Data Analysis, Feature Analysis and Cluster Analysis was done to build a model that can classify a song in 4 different clusters and recommend the user with 10 or more similar songs within the same cluster.

EDUCATION

Rutgers University   Newark *2019 - 2020(Expected)*
Master of Information Technology and Analytics (GPA: 3.66/4)

University of Pune   *India, 2014 - 2017*
Master of Computer Applications (GPA: 4.5/6)

University of Pune   *India, 2011-2014*
Bachelor of Computer Science (GPA: 67%)