

# 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 Top Tracks Analysis | R, GGPlot

- This project analyzed songs, their popularity, and their audio properties with the help of the Spotify API.
- The project was exclusively executed in R programming with the help of libraries such as 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 different genres based on its audio properties.

## EDUCATION

### Rutgers University

Newark, 2019 - Present

Master of Information Technology and Analytics (GPA: 3.7/4)

(Expected Graduation: December 2020)

### 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: 3.5/4)