AMIT PHADKE

Data Analyst | Data Scientist

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EDUCATION

Rutgers University   *Newark, USA (2019 – 2020)*
Master of Information Technology and Analytics (GPA: 3.7/4)

Relevant Coursework: Data Analysis & Decision Making, Business Forecasting, Data Mining, Multivariate Analysis, Data Management, Data science, Web Analytics

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

Relevant Coursework: RDBMS, JAVA Programming, Data Structure, Object Oriented Programming, Design & Analysis of algorithms

SKILLS

Programming Languages: Python, SQL, R Programming, JavaScript, PHP, COBOL, HTML5, CSS3
Tools: Tableau, Google Analytics, Excel, Weka, Git, Jupyter Notebook, Wordpress, Odoo

EXPERIENCE

Katch Media

Data Science Intern | Python, R, SQL, Tableau   *USA (July 2020 – December 2020)*
- Estimated box-office revenues on 25,000 observations by developing statistically significant baselines using fixed effects regression models.
- Identified key metrics for film's box-office performance in global markets, by designing interactive dashboards, using SQL, Excel, and Tableau.
- Automated the 50% of the data collection process for the project, by implementing a scraping pipeline from web sources to databases by using Python, Selenium and Scrapy.

Accenture

Software Engineer | SQL, COBOL   *India (December 2017 – February 2019)*
- Developed and maintained software systems for Allianz SE, by analyzing, coding, and testing queries and programs using SQL and COBOL.
- Consolidated server and storage software by analyzing and upgrading core functionalities of the system, using Eclipse and Excel.

Techspawn Solutions

Web Developer | SQL, PHP, JavaScript   *India (December 2016 - June 2017)*
- Implemented data migration for two E-commerce websites, by building a tool to transfer data from one framework to another, for using SQL, REST API's, PHP, and Python.
- Managed the business portfolio of a real-estate developer, by implementing the design and functionalities of their website, using CSS and JavaScript and PHP.

PROJECTS

Analyzing sports metrics in the IPL | R, GGplot, SQL
- Built a regression model to predict number of wins and runs in cricket, with an adjusted R-squared of 8.22 using multiple linear regression algorithm.
- Provided key data to team managements for building team rosters and player recruitment strategies, by identifying the most useful metrics that maximize the runs scored.

Spotify Music Recommendation System | Python, R, GGPlot, NBClust
- Designed a content-based filtering model to find similar songs on Spotify, by categorizing songs in 4 meaningful clusters based on their audio properties, using unsupervised clustering algorithms in R.
- Collected clean data from the Spotify API, by building a REST API wrapper in Python, using object-oriented programming concepts.

Income Classification of Adults in USA | Python, Numpy, Scipy, Pandas, Scikit-Learn
- Built a classification model to predict the salary of an US Adult, with an accuracy of 80% for Random Forest and Decision Tree Algorithms using Python.

Visualizing the Ultimate Fighting Championship | Python, Pandas, Matplotlib, Tableau
- Gained key insights on UFC bouts and athletes, by visualizing round-by-round statistics and fighter statistics, using Python, Pandas, Matplotlib and Seaborn.