

Mohit Shukla

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EDUCATION

Rutgers University, Rutgers Business School | Newark | New Jersey

Dec 2020

Master of Science in Information Technology & Analytics

GPA: [3.74/4]

University of Mumbai | Mumbai | India

May 2019

Bachelor of Engineering in Electronics

GPA: [7.14/10]

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant | Rutgers University | Newark, NJ

Sep 2020 – Present

- Advocated in creating Tableau Dashboard used for university Enrollment, Retention and Graduation (ERG) Analysis
- Extracted, transformed, and loaded data on more than 6,500 students enrolled in Rutgers education programs
- Employed MS Excel for maintaining, analyzing student's information and summarized each semester results

Data Analyst Intern | TWG Companies | Newark, NJ

May 2020 - Aug 2020

- Streamlined daily sales data of the company; managed daily, weekly, monthly data analysis statement and data process monitoring
- Delegated and maintained database of 3GB at a fixed period and analyzed existing client data to supply the foundation for marketing decision
- Monitored and pre-processed 10 years of client data using SQL and utilized regression models to analyze factors
- Integrated trend analysis and graphic representation of each product using 5 + Tableau dashboards

Data Analyst | Rutgers University, Business & Administrative Services | Newark, NJ

Jan 2020 – May 2020

- Retrieved 2 + online industry raw data through Python, transposed data in Excel; Produced line charts, bar charts, box plots using matplotlib package in Python to analyze industry performance
- Scripted SQL query to clean 100k + rows of detailed industry information data, loaded data into Tableau server
- Showcased 3 + business analytics Tableau Dashboard to explore market patterns, risks, and sensitive information

PROJECTS

Movie Industry Visualization | Tableau

Apr 2020 – Jun 2020

- Visualized data of past 30 years of movies on Tableau, completed EDA, built 5 dashboards
- Predicted if Animation genre movies will be dominating real-life films in 15 years

Microsoft Stock Price Prediction | R, RStudio

Dec 2019 – Mar 2020

- Performed data scraping, envisioned trends, stationarity parameters with ACF, PACF of 7 years stock price
- Implemented ARIMA, SES, Holt's Winter's method. SES model fits data set correctly with 1.09 RMSE score

YouTube Trending Video Data Analysis | Python, AWS

Sep 2019 – Nov 2019

- Fetched approximately 1192 videos data from YouTube API by maintaining a script, stored it in AWS
- Achieved 97% accuracy on test set using Stochastic Gradient Descent Classifier to train model classifying trending and non-trending video

Bank Marketing Analysis | R, Financial Modeling

Jun 2019 – Aug 2019

- Modeled Portuguese Bank dataset (11k rows) to predict client acquisition using R technology
- Executed Exploratory Data Analysis, Principal Component Analysis and Factor Analysis lowering the dimensionality of dataset by 50%
- Designed Logistic & Multiple Regression Models, achieving an accuracy of 86%

SKILLS

Programming: Python, R, Java, C, HTML5, CSS3

Databases: MongoDB (NoSQL), MySQL, Oracle

Tools: Tableau, Power BI, MS Excel (VLOOKUP, Pivot, VBA), Google Analytics, MS Office, Git, SAS, Salesforce, Visual Studio Code, JIRA, Slack, ETL (SSIS), SSRS, SSAS, Hive, Alteryx

Cloud & OS: Amazon Web Services (AWS), Linux, Windows

Certification: CISA: Certified Information Systems Auditor (LinkedIn Learning), AWS Cloud Audit Academy, Advanced NLP with Python, SQL for Data Science, AWS Certified Solutions Architect (Udemy)