

Mohit Shukla

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EDUCATION

Master's in Information Technology & Analytics Rutgers University, New Jersey	GPA: [3.74/4]	Dec 2020
Bachelor's in Electronics Engineering University of Mumbai, India	GPA: [7.14/10]	May 2019

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant | Rutgers University | Newark, NJ **Sept 2020 – Present**

- Assisted in creating a 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
- Created interactive dashboards highlighting trends and outcomes

Data Analyst Intern | TWG Companies | Newark, NJ **May 2020 - Aug 2020**

- Summarized daily sales data of the company, managed daily, weekly, monthly, quarter, and annual data analysis statement and data process monitoring
- Upgraded and maintained database of 3GB at a fixed period and analyzed existing client data to supply the foundation for marketing decision
- Queried and pre-processed 10 years of client data using SQL and utilized regression models to analyze factors influencing sales performance
- Provided trend analysis and graphic representation of each product using Tableau and Power BI, highlighting fundamental cornerstones to business performance and proposed a marketing plan which increased total revenue by 13%
- Explored investment opportunities by collecting and curating statistical data for market research

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
- Generated 3 + business analytics Tableau Dashboard to explore market patterns, capture business-related effort
- Audited Business Administrative Service Division to create formal client presentations and market analysis, increasing revenue by 30%

PROJECTS

Movie Industry Visualization | Tableau **April 2020 – June 2020**

- Visualized data of past 30 years of movies on Tableau, performed 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 Microsoft
- Implemented ARIMA, SES, Holt's Winter's method. SES model fits data set correctly with its 1.09 RMSE score

YouTube Trending Video Data Analysis | Python, AWS **Sept 2019 – Nov 2019**

- Fetches 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 which classifies trending and non-trending video based on several parameters

Visual History of Nobel prize winners | Python **June 2019 – Aug 2019**

- Analyzed trends in over 100 years noble prize winners, manipulated data using Pandas in Python
- Presented results of each category winners from year 1901 – 2016 graphically using Python's seaborn library

SKILLS

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

Databases: MongoDB (NoSQL), MySQL, Oracle

Tools: Tableau, Power BI, MS Excel (VLOOKUP, Pivot), MS Office, Git, SAS, Salesforce, Visual Studio Code, JIRA, Slack

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