

# Mohit Shukla

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## EDUCATION

<b>Rutgers University, Rutgers Business School   Newark   New Jersey</b>	<b>Dec 2020</b>
Master of Science in Information Technology & Analytics	<b>GPA: [3.76/4]</b>
<b>University of Mumbai   Mumbai   India</b>	<b>May 2019</b>
Bachelor of Engineering in Electronics	<b>GPA: [7.14/10]</b>

## PROFESSIONAL EXPERIENCE

<b>Graduate Teaching Assistant   Rutgers University   New Brunswick, NJ</b>	<b>Sep 2020 – Dec 2020</b>
<ul style="list-style-type: none"><li>• Advocated in creating Tableau Dashboard used for university Enrollment, Retention and Graduation (ERG) Analysis</li><li>• Extracted, transformed, and loaded data on more than 6,500 students enrolled in Rutgers education programs</li><li>• Employed MS Excel for maintaining, analyzing student's information and summarized each semester results</li></ul>	
<b>Data Analyst Intern   TWG Companies   Newark, NJ</b>	<b>May 2020 - Aug 2020</b>
<ul style="list-style-type: none"><li>• Streamlined daily sales data of the company; managed daily, weekly, monthly data analysis statement and data process monitoring</li><li>• Delegated and maintained database of 3GB at a fixed period and analyzed existing client data to supply the foundation for marketing decision</li><li>• Monitored and pre-processed 10 years of client data using SQL and utilized regression models to analyze factors</li><li>• Integrated trend analysis and graphic representation of each product using 5 + Tableau dashboards</li></ul>	
<b>Data Analyst   Rutgers University, Business &amp; Administrative Services   Newark, NJ</b>	<b>Jan 2020 – May 2020</b>
<ul style="list-style-type: none"><li>• 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</li><li>• Scripted SQL query to clean 100k + rows of detailed industry information data, loaded data into Tableau server</li><li>• Showcased 3 + business analytics Tableau Dashboard to explore market patterns, risks, and sensitive information</li></ul>	

## PROJECTS

### Movie Industry Visualization | Tableau, Data Visualization

- 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, Data Analysis

- 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

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

### Bank Marketing Analysis | R, Financial Modeling

- 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 the 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, Alteryx

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

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