

# MOHIT PATEL

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## Education

### Northeastern University (GPA – 3.67)

Boston, MA

#### Master's in Analytics

December 2021

Related Courses: Data Management and Big Data, Data Warehousing and SQL, Data Mining Applications, Communication and Visualization for Data Analysis, Probability Theory and Statistics, Intermediate Analytics, Risk Management Analytics

### MIT School of Distance Education

Pune, India

#### Post-Graduation Diploma

June 2019

Information Technology

### Dr. Babasaheb Ambedkar Marathwada University

Maharashtra, India

#### Bachelor's Degree

May 2016

Computer Applications

## Professional Experience

### Data Scientist Intern | Katch - Data Analytics | Woodside CA, United States

September 2020 – May 2021

- Created and stored 100K+ movies in PostgreSQL on GCP database, devised web scrapers to accomplish feature engineering.
- Minimized company cost by 10k per month by building efficient web scrapers in python to collect movie data for MVP launch.
- Enhanced data quality by 15% and collaborated with product manager and analytics teams to build and execute strategies.
- Identified key business matrix using data and generated tableau dashboards to provide actionable insight to stakeholders.
- Implemented Python Beautiful Soup and Selenium methods to automate scraping of movie data from diverse sources.
- Examined data leveraging python and SQL to draw conclusions for optimized actions for betterment of company.
- Developed scrapers and crawlers to gather data from 28+ entertainment related websites to fill the SQL Database on GCP.

## Academic Projects

### UI Design A/B Test Result Analysis (Python)

August 2021 – September 2021

- Accumulated 1 million+ data rows for A/B testing to design hypothesis for new web UI design to enhanced user engagement.
- Performed experiment to identify actionable insights, evaluated a significance level of 95% to implement new design.
- Managed to boost of 14.65% in user engagement and directed impact of new UI design into live production.

### Movies Recommendation System ( Python)

April 2020 - June 2020

- Evaluated 2M+ data rows deploying NumPy, pandas libraries to clean, process and transform data into structured formats.
- Built recommendation model suggests movies to customers based on user data. boosted model performance by 11%.

### Bank Customers Data Analysis (R, Tableau, SQL)

November 2019 - January 2020

- Managed large and complex data set of 5M+ customers in SQL to solve challenging problems with analytical approach.
- Generated SQL Views, Indexes, and triggers for better performance of database summary tables and optimized query results.
- Analyzed data in tableau identify trends, support actionable business insights, and expanded customer acquisition by 7.56%.

### Boston Airbnb Data Analysis (Python, Tableau)

October 2019 - November 2019

- Gathered, cleaned, and transformed Airbnb listings in Boston deploying pandas and NumPy to leverage data analysis.
- Determined an increase of 24.63% in maximum average price during holidays seasons of year.
- Constructed tableau visualization for actionable data reports and make strategic decisions to improve user experience.

## Technical Skills

<b>AWS Components:</b>	S3, IAM, AWS Glue, Redshift, AWS Lambda
<b>Programming/Scripting Languages:</b>	SQL, Python, R
<b>Cloud Platform Services:</b>	Amazon Web Services(AWS), Google Cloud Services(GCP)
<b>Databases:</b>	MySQL, Microsoft SQL Server, PostgreSQL, AWS DynamoDB
<b>Data Visualization/ BI Tools:</b>	Tableau, Microsoft PowerBI, AWS QuickSight, Microsoft Excel
<b>Design and Simulation Software:</b>	MySQL Workbench, pgAdmin, Toad Data Modeler
<b>Additional Skills:</b>	Microsoft Office, Agile Development Methodology

## Certifications

Data Analyst with SQL Server, Data Analyst with Python, Data Analyst with R, Data Scientist with R

## Course Experience

### AWS Certified Data Analytics Specialty 2021

Present

- Learning to review bigdata with Kinesis Analytics, Redshift, RDS, Aurora and Visualize data in the cloud using AWS QuickSight.
- Storing massive data lakes with the Simple Storage Service(S3) and studying streaming data in real-time with Kinesis Analytics.