



Professional Profile

Shwetal is a Python developer and Data Science enthusiast with total 2+ Years of experience in development of Automation Scripting, Web Scraping, Natural Language Processing, Data Extraction and Manipulation using Python and SQL Technologies. He Worked on various projects on Python, Machine Learning and Automation.

Recent Accomplishments

Project Name : **Business Rules Based Ticketing Tool.**
Duration : **OCT '21 to JUN '22**
Client Name : **Tata Communications Limited.**
Team size : 5
Environment : **Python, SQL – MariaDB, Linux - CentOS, Ubuntu.**
Role : Python Developer

Summary:

Worked in a team of 5 members in development and enhancement of this application. Implemented durable business rules-based, ticketing tool for in house Networking team. Automated ticketing tool with python script which runs on server every minute. Created python script to check device configurations. Created script to insert events data to MariaDB on real time basis.

Responsibilities:

- Implemented durable business rules-based, ticketing tool for in house Networking team.
- Daily responsibilities include logic building, coding, debugging, and deploying.
- Automated ticketing tool with python script which runs on server every minute.
- Reduced execution time by using tuple iterator.
- Created python script using 'paramiko' library to check device configurations.
- Created script to insert events data to MariaDB on real time basis.
- Automated server reachability check script with python.
- Basic expertise in Django and Flask frameworks.

Project Name : **Product Reviews Incremental Opinion Mining, Sentiment Analysis.**
Duration : **JAN '21 to SEP '21**
Client Name : **MITU Research.**
Team size : 3
Environment : **Python, SQL – MariaDB, Linux - CentOS, Ubuntu.**
Role : Jr. Data Scientist

Summary:

Worked in a team of 3 members in development and enhancement. Automated aspects and related opinion phrases extraction, aspects' categorization to core aspect categories. Analyzed and studied sentiment score for each opinion phrase, aspect, and aspect category.

Responsibilities:

- Scrapped product reviews on various websites featuring various products specifically amazon.com.
- Automated aspects/features and related opinion phrases extraction, aspects' categorization to base/core aspect categories.



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SHWETAL MORE

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- Analyzed and studied sentiment score for each opinion phrase, aspect, and aspect category.
- Finally, calculated overall accuracy score of each review and sentiment classification.
- Libraries Used: Pandas, NLTK Toolkit

Project Name : **Hotel Revenue Management System (Dynamic Pricing for Rooms)**
Duration : **JAN '20 to DEC '20**
Client Name : **V Hotels Limited**
Team size : 3
Environment : **Python, SQL – MariaDB, Linux - CentOS, Ubuntu.**
Role : Jr. Data Scientist

Summary:

Worked in a team of 3 members in development and enhancement. Improved the process by using possible competitor's pricing, rating, and amenities data. Implemented real-time data visualizations. Utilized web scraping to enhance recognizing the best prices.

Responsibilities:

- Improved the process by using possible competitor's pricing, rating, and amenities data.
- Implemented real-time data visualizations using matplotlib and seaborn.
- Used web data to improve the overall performance of hotel booking.
- Utilized web scraping to enhance recognizing the best prices.
- Coded a real-time data tracking system to track daily prices.

Educational Background

Shwetal is Bachelor of Engineering from University of Pune.

Key courses and training

- IBM Data Science Professional Certification.
- IBM Data Analyst Professional Certification.
- Google IT Support Certificate.

Technical Skills

Operating Systems:

Windows, Linux

Databases:

SQL MariaDB.

Technologies:

Python Programming, OOPS

Primary skill sets:

Python, Machine Learning, SQL

Tools:

Python Scripting, OOPS, Automation, Machine Learning, Web Scraping, MariaDB, GIT, Linux, Flask.