

Sheetal Sahu

Quality Analyst

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SUMMARY

Having 1.5 years of experience as Quality Analyst . Have gained good exposure to understand various aspects of Data Science through the Masters Program which has developed a great sense of confidence at a very personal level. Hence, I seek a challenging position in the area of Data Analyst, Data Science, Business Analyst and related fields where I can share my skills and expand my capabilities further in the pursuit of progressive career advancement.

TECHNICAL SKILLS

- **Tools/Languages:** Python, SQL, Tableau, NLTK
- **Libraries :** Pandas, NumPy, SciPy, Matplotlib, Seaborn, Scikit-Learn
- **Machine Learning**
- **Data Visualization:** Tableau
- **Database:** MySQL
- Microsoft Advance Excel
- Google Sheets

EDUCATION

BE in ELECTRONICS AND
TELECOMMUNICATION
(Jun '12 - May '16)

G H RAISONI INSTITUTE OF
ENGINEERING AND TECHNOLOGY
FOR WOMEN, NAGPUR

CERTIFICATIONS

- Data Science with Python
- Machine Learning
- Tableau 10
- Data Science Capstone
- Data Science with R

PROFESSIONAL EXPERIENCE

QUALITY ANALYST

Oct '18- Feb '20

VOGO AUTOMOTIVE PVT. LTD

Bengaluru, IN

- Fetched data from the database using basic SQL query to analyze and manipulate data using all type of joins, SQL functions, etc and analyzed the data to find the issue in the hardware device.
- Analyzed the raw data from the database and found necessary insights and failure pattern from it.
- Analyzed the data to find out the bugs and performed the root cause analysis to find the necessary insights.
- Presented data and conclusion for the improvement by creating reports using MS Word and MS Excel.
- Testing of the PCB using the test bench and maintaining the proper target for the production.
- Debugging of the PCB by identifying the electronics bugs and resolving it.
- Performed the quality check of the hardware components and maintained record using MS excel .
- Designed test bench for testing of the components for time management which increased the number of production per day.
- Performed regression testing of the firmware which needs to be deployed on the hardware device and maintained proper record of it .

PROJECTS

Domain: Healthcare | **Tech Stack:** Python, Machine Learning, Tableau

- **Objective:** To predict whether or not a patient has diabetes, based on certain diagnostic measurements.
- **Solution:** Performed Data pre-processing and done analysis using the Exploratory Data Analysis technique. Built a model to accurately predict whether the patients have diabetes or not. Created dashboard in tableau by choosing appropriate chart types and metrics useful for the business.

Domain: Telecomm | **Tech Stack:** Python, NLP

- **Objective:** The company wanted to find what was wrong with Comcast's customer service that the authority fined them a \$2.3 million, after receiving over 1000 consumer complaints.
- **Solution:** Performed the analysis using the Exploratory Data Analysis technique. Performed text processing by using Natural Language Toolkit package to find the maximum complaint types. Created interactive topic model visualization using pyLDAvis

Domain: Entertainment | **Tech Stack:** Python

- **Objective:** The company wanted to predict the movie ratings.
- **Solution:** Performed the analysis using the Exploratory Data Analysis technique. Found the features affecting the ratings of any particular movie. Build a model to predict the movie ratings.

Domain: Ecommerce | **Tech Stack:** SQL

- Performed analysis using SQL to search the data and keywords driving conversion rate. Used SQL techniques to identify most valuable customers and explore which channels they are coming from. Used SQL to analyze conversion funnels to help optimize the customer purchase experience.

Tech Stack: Machine Learning

- The objective was to reduce the time that cars spend on the test bench. Performed the analysis using the Exploratory Data Analysis technique. Performed dimensionality reduction. Predicted test values using XGBoost.