

PATHAN MOBINA SULTHANA

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PROFILE



Innovative and scientifically rigorous B. Tech graduate in electronics and communications with a significant data science hands-on experience on statistics, data integrity, oracle (PL SQL) and visualization. Expertise in predictive modeling, data processing and data mining algorithms, as well as Python. I am looking for the opportunity to build a challenging career and apply my skills in an innovation and simplify process.



COURSE & CERTIFICATION

- ❖ Data Science Masters Certificate-2023
- ❖ Tableau.
- ❖ SQL (my SQL), Oracle.
- ❖ Machine learning.
- ❖ Data Science with Python.
- ❖ Business Analytics with Excel.
- ❖ Statistics Essential for Data Science.



EDUCATION

B. Tech (ECE).

Loyola Institute of
Technology and Management.
2014 - 2018



ACHIEVEMENTS

- ❖ B.Tech (ECE) batch topper during
2nd year 1st semester.



TECHNICAL ASSETS

- ❖ **Operating System:**
WINDOWS
- ❖ **Database/Server:**
My SQL, SQL Server
- ❖ **Other software's/Tools**
Tableau, Machine Learning.
- ❖ **Programming Languages:**
Oracle (PL SQL), SQL (Functions, Stored
procedures, Triggers, Indexes) ,Python,
Python libraries (NUMPY, PANDAS,
SCIKIT-LEARN, MATPLOTLIB, SEABORN).



LANGUAGES KNOWN

English	●	●	●	●
Hindi	●	●	●	●
Urdu	●	●	●	○
Telugu	●	●	●	●



EXPERIENCE

- ❖ **Oasis Infobyte (June - July 2023)**
 - Data Analyst Intern.
- ❖ **BHARAT INTERN (June - July 2023)**
 - Data Science Intern.
- ❖ **THE SPARKS FOUNDATION -Internships (May - June 2023)**
 - Data Science and Business Analytics.
- ❖ **Accenture - Internship (May-2023)**
 - Data Analytics and Visualization Virtual Experience Internship.



PROJECTS HANDLED

- ❖ **Excel Projects:**
 - **E-commerce Sales Dashboard.**
 - Designed an interactive dashboard to analyze the monthly & product category sales trend of sample super store in US, using pivot tables, pivot charts & user control combo box.
 - **Crime Analysis**
 - Data cleaned using excel functions and analyze the data for different features using conditional formatting, heat map, sparklines, pareto charts, cross pivot tables.
 - Created a dynamic dashboard to analyze the monthly crime rate geographically.
- ❖ **My SQL Projects:**
 - **Science Qtech employee performance mapping.**
 - As per the requirement, created a database and tables to analyze employee performance based on manager rating & experience.
 - Used store procedures and views to identify the avg/max salary per each department, country and continent.
 - Created an index for query optimization.
 - Calculated bonus by using joins, window functions based on employee experience.
 - **Air Cargo Analysis.**
 - Created a table and check constraint with relevant data.
 - Used window functions to find customer value, busiest route, aircraft with high sales.
 - Used group by rollup to see the sales of aircraft.
 - Created store procedure & used table_exist system stored procedure for checking the existence of table in specific route IDs.
 - Created a cursor for finding customer with specific condition.
- ❖ **Machine learning Projects:**
 - **Healthcare.**
 - Cleaned and pre-processed the data by using pandas & SKlearn libraries.
 - Used variance_threshold & correlation heat maps for feature selection.
 - Processed the data for the model & run a logistic regression and Randomforestclassifier to predict the cause of cardiovascular diseases & choose the best model by evaluation matrix accuracy score.

➤ **Employee Turnover.**

- Used Seaborn, Matplotlib to analyze cause of employee turnover by all other features in dataset.
- Performed EDA & used SMOTE technique to handle imbalanced dataset.
- Created a Kmeans clustering algorithm to cluster the employees based on satisfaction level, last_evaluation columns.
- Created a logistic regression, randomforestclassifier, gradientboost classifier models with 5 folds cross validations to find the mean accuracy of each model.
- Plotted classification report & AOC RUC curves & accuracy scores to compare all model's performance.

❖ **Python Project:**

➤ **Comcast Telecom Consumer Complaints.**

- Used Pandas for cleaning and pre-processing the data.
- Created month column and plotted month wise complaints by using Matplotlib.
- An alternate technique instead of NLP is used to categorize the complaint types for complaint frequency table.
- Analyzed the state wise open/closed complaints count using dataframe group by.
- Plotted a bar chart to find top five states by Complaints. Calculated open/closed complaint percentage for each state.

❖ **Tableau Projects:**

➤ **Sales analysis.**

- Used sheets swapping for sales / profit, using parameter in filter.
- Bubble chars & tree maps were used to identify category and sub-category wise sales.
- Analyzed the returned orders by product IDs and identified the top five products & customers based on sales using index function.
- Analyze state wise sales by using map and Created quantity bins to see the distribution.
- Created a sales analysis dashboard and story.

➤ **Comparison of region based on sales.**

- Extracted the data and created a folder with relevant column.
- Created a location hierarchy.
- Created primary region, secondary region parameters.
- Created first order date column by using date trunc function.
- Created calculated fields for total sales, avg sales per order, no of customers/orders/products for each state by using fixed LOD.
- Created a dashboard to compare sales in two regions at the same time.



SCHOLASTIC CREDENTIALS (2011 – 2018)

Bachelor of Technology (B. Tech - ECE with 74%)

2014 - 2018

Loyola Institute of Technology and Management, Sattenapalli, A.P.

Intermediate (+2 with 93%)

2012 – 2014

GTR & KR Junior College, Sattenapalli, A.P.

Secondary School Certificate (95%)

2011 – 2012

Sri SS Mandir H S, Sattenapalli, Guntur (D.T), A.P.



RESEARCH PROJECT

➤ **B.Tech project**

- “IoT based theft control, auto alerting and send SMS”.



PROFESSIONAL SKILLS

- Experience using business intelligence tools (e.g. Tableau).
- Strong math skills (e.g. statistics).
- Problem-solving aptitude.
- Excellent communication and presentation skills.



EXTRACURRICULAR ACTIVITIES

- Proficiency in sewing machine and explores new designs.
- Actively participated in singing and drawing competitions.



PERSONAL DETAILS

Father Name : Shaik Mastan vali,
Father's Occupation : Business.
Nationality : Indian.
Date Of Birth : 30.05.1997,
Gender : Female.
Marital Status : Married.
Present Address : H.No: 402, #4, Prabhavathi Appartment, Priyadarshini lay out main road, near Top mart.
Bansavannapura, Bangalore, Karnataka, India. PIN: 560036.
Permanent address : H. No: 11-5-21/9, Raghuram Nagar, Sattenapalli, Guntur (D.T), Andhra Pradesh, 522403.



Declaration

I hereby declare that information furnished above is correct to the best of my knowledge and belief.

Date:
Location: Bangalore

PATHAN MOBINA SULTHANA