

## Shazia. D. B.

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**Portfolio** - [datascienceportfol.io/shaziasportfolio](https://datascienceportfol.io/shaziasportfolio)

### SUMMARY :

Detail oriented and highly motivated with a solid background in statistical analysis, data visualization and data manipulation. Completed hands-on projects in data cleaning, trend analysis, and predictive modeling. Eager to use analytical abilities to solve practical business problems and contribute to a dynamic team.

### EDUCATION :

- Crescent University, Chennai India | 2018 - 2022  
B.Tech Computer Science (AI & IOT)

### TECHNICAL SKILLS :

- **Database** - MySQL, OracleSQL, Oracle, Oracle eBS
- **Programming languages** - Python, SQL, C, C++, Java
- **Data Visualization Tools** - Power BI, Matplotlib, Plotly, Excel
- **Mathematics** - Statistics, Probability, Regression, Optimization
- **Machine Learning** - Keras, Tensorflow, Pandas, Numpy, Seaborn, scikit-learn, Data Analysis, Data Science

### PROJECTS :

1. **Breast Cancer Prediction** -  
Pandas, matplotlib, numpy, sklearn, Logistic Regression
2. **Customer Feedback Analysis** -  
Pandas, matplotlib, numpy, seaborn. Nltk, spacy
3. **Dubai Apartments Analysis** -  
Pandas, matplotlib, Linear regression
4. **Weather Analysis** -  
Pandas, matplotlib, seaborn
5. **Sales Analysis** -  
Pandas, matplotlib
6. **Pizza Sales** -  
SQL, Excel, Pivot Table
7. **Store Data Analysis Report** -  
Excel, data visualization, Pivot Table
8. **Telecommunication Company** - Database administration  
**Tech Stack:** SQL, PL/SQL, Oracle SQL, Oracle eBS, Oracle forms & Oracle reports.
9. **Equipment Failure Prediction using IOT sensor data**  
**Methodology :** Collecting data from IoT sensors by tracking equipment and prognosticating equipment breakdown by taking the necessary parameters and limiting factors into account.
10. **Manual SQL injection**

## **EXPERIENCE :**

### **Junior Software Developer - IBM | July 2022 - July 2024**

- Developed SQL, PL/SQL scripts to sort issues faced by users.
- Modified scripts to meet client requirements.
- Drafted documentation to detail development, logic and testing processes.
- Developed, customized Oracle reports and forms to meet functional business requirements.
- Provided technical expertise to support daily operations and managed discrepancies to match Prod versions.
- Worked on code scripts, by using update and rollback update functions to make the fetching of data easily accessible.
- Worked on concurrent and lookup programs to increase responsiveness of oracle forms.

### **Web Developer, Intern - WDC | June 2021 - August 2021**

- Developed a custom web application from scratch.
- Redesigning and optimizing existing websites for better performance and user experience as per client requirements.
- Improved website security, accessibility, or SEO performance.

### **Web Application Pentester, Intern - Indian Servers | April 2020 - June 2020**

- Conducted vulnerability assessments and penetration tests on web applications.
- Identified security vulnerabilities, including SQL injection, XSS, CSRF, etc.
- Created comprehensive reports and documenting findings, risk assessments for clients.

## **CERTIFICATES :**

- Oracle Cloud Infrastructure Certificate
- IBM AI Analyst Explorer Award
- IBM AI Analyst Mastery Award
- Big Data 101
- Python for Data Science