

## FUNCTIONAL AREAS

- Business Intelligence
- Statistical Analysis
- Data Quality Management
- Data Preparation & Visualization
- Log Analysis

## TECHNICAL SKILLS

- **SQL** – DDL, DML, DQL, Stored Procedures, Window Functions, Data Analysis, pgAdmin, and TablePlus
- **Tableau** – Data Modelling, Visualization, Parameters, Table Calculations, LODs, Dynamic Zone Visibility, and Tableau x Figma
- **MS-Excel** – Pivot Tables, Power Query, Visualization, What-If Analysis, Forecasting, Statistical Analysis, and Dashboards
- **Python** – Data Structures, OOP, NumPy, Pandas, Matplotlib, Data Analysis, Statistical Analysis, Regression, and A/B Testing
- Figma, ELK (Elasticsearch, Logstash Kibana), GitHub, JIRA, VS-Code, and MS-Excel

## WORK EXPERIENCE

- **Trainee Analyst – Decurtis Corporation** **05/2023 – 12/2023**
  - Leveraged PostgreSQL to prepare data of the US mass shootings and US schools and develop a Tableau dashboard to uncover potential customers for an upcoming product, resulting in a 90% response rate from the contacted customers.
  - Contributed to the development of a Tableau dashboard for incident analysis as a part of a 4-person team, achieving a 20% improvement in SLA compliance and a 35% cost savings in the resolution expenditures.
  - Developed and implemented data quality checks and procedures, leading to a 60% decline in bad data quality-driven prod incidents.
  - Collaborated with team members across departments and clients to cut resolution time by 30% and perform root cause analysis.
  - Engaged in a mentorship program for a team of 4 analytics interns, focusing on visual analytics and Tableau dashboard design.
- **Project Associate Intern – RGAVP** **07/2022 – 04/2023**
  - Employed statistical methods to assess impact of SHG membership on income, finding a 32% increase in income after joining SHGs.
  - Created a survey to gather more insights on income-loan gaps of SHG members and trained over 10 CBM teams to carry out surveys.

## PROJECTS

- **United States Schools Explorer | PostgreSQL, Tableau | [Link](#)**
  - Build a Tableau Dashboard to get the list of schools near a particular location. Optimised the performance of the dashboard as the dataset contained over 1,00,000 schools. The dashboard serves as a tool to identify nearby schools in case of any emergency.
- **Customer Segmentation | PostgreSQL, Tableau | [Link](#)**
  - Assessed data quality, prepared and analysed the data to find the list of top 100 customers to be targeted based on different attributes and subsequently developed a Tableau dashboard to present the RFM Analysis results.

## EDUCATION

- **Master of Science (MSc) Mathematics** **09/2021 – 05/2023**
  - Malaviya National Institute of Technology Jaipur 8.45/10 CGPA
  - Led the Placement Club of the Department of Mathematics
- **Bachelor of Science Honours (BSc Hons) Mathematics** **08/2018 – 05/2021**
  - Aryabhatta College, University of Delhi 8.72/10 CGPA

## EXTRACURRICULAR ACTIVITIES

- Played an integral role as Placement Committee Member in the Training & Placement Cell of MNIT Jaipur (2022-23), successfully organised and facilitated a smooth placement process for over 200 companies.