

## FUNCTIONAL AREAS

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

## TECHNICAL SKILLS

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

## WORK EXPERIENCE

- **Trainee Analyst – Decurtis Corporation** **05/2023 – 12/2023**
  - 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.
  - 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.
  - Developed and implemented data quality checks and procedures, leading to a 60% decline in bad data quality-driven prod incidents.
  - 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

- **AtliQ Hospitality - Revenue & Bookings Analysis | Tableau, MS-Excel, SQL | [GitHub Repo Link](#)**
  - Investigated the revenue and bookings data of a hotel chain to uncover insights to be presented to the revenue management team of the brand. Build an interactive Tableau dashboard to collectively present the uncovered insights.
- **Instacart - Business Case Study | PostgreSQL, MS-Excel, Figma | [GitHub Repo Link](#)**
  - Performed comparative analysis of key order metrics, cart composition patterns, reorder trends, and top performing items on the instacart products & orders data to understand how instacart's business changed over time.
- **Customer Segmentation | Tableau, SQL | [GitHub Repo Link](#)**
  - Assessed data quality, prepared and analyzed 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 Honors (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 organized and facilitated a smooth placement process for over 200 companies.