

AVANEE SARNAIK

(872)772-0319 | avaneesarnaik22@gmail.com | [LinkedIn](#) | [TableauPublicProfile](#) | [GitHub](#) | Open to relocation

EDUCATION

- **University of Illinois at Chicago** Aug 21-Dec 22
Master of Science in Management Information Systems CGPA: **3.85/4.0**
- **MIT, College of Engineering, University of Pune, India** Jun 15-Jun 19
Bachelor of Engineering in Computer Science Engineering CGPA: **8.1/10**

TECHNICAL SKILLS

- **Programming Languages:** Python (Pandas, NumPy, Matplotlib), SQL
- **Datawarehouse:** MySQL, MS Access, Google Big Query, SQL Server
- **Data Visualization:** Tableau, Power BI, Microsoft Office Suite (Excel, PowerPoint, Visio), Lucid Chart, Looker
- **Software Tools:** Dataiku, Microsoft Visual Studio, Dynatrace, GitHub, Figma, Alteryx
- **Agile Tools:** Jira, Confluence, Azure DevOps Board, Miro Board, MS Project, Smartsheet, Keynote
- **Methodologies:** Scrum, Kanban, SDLC, Project Management, Product Lifecycle, Documentation
- **Other :** MS Office Suit (Word, Outlook), Communication skills, Cross-functional teamwork

EXPERIENCE

Artius Solutions, USA | *Data Analyst II (SQL, Tableau, Excel)* Dec 23- Present

- Conducted data quality assessments and implemented corrective measures, resulting in a **15%** reduction in data discrepancies, improving accuracy in internal operations data and ensuring compliance with quality standards.
- Utilized SQL to consolidate and validate data from multiple sources, performing regular audits and validation checks to maintain data integrity and support efficient data handling for reporting needs.
- Developed and maintained interactive Tableau dashboards to visualize KPIs, creating decision support tools that facilitate strategic decision-making for stakeholders.
- Collaborated with cross-functional teams to understand business requirements and provide analytical insights, maintaining clear communication regarding project timelines and updates.

Scope Retail Systems Inc., Bentonville, USA | *Junior Data Analyst (SQL, Python, GCP)* Feb 23–Dec 23

- Contributed to a cross-functional team to develop a ‘**Cost to Serve**’ model, enhancing understanding of profitability at **Albertsons**, while regularly updating the JIRA dashboard to track project progress and manage tasks.
- Leveraged advanced SQL skills to extract and manipulate datasets from Google BigQuery, achieving a **20%** reduction in data extraction time, and conducted thorough data analysis to identify trends.
- Collaborated with teams to produce sprint reports and visualized outcomes in Tableau, creating decision support tools for stakeholders.
- Conducted business scenario meetings with Meijer, predicting a \$30M revenue increase and analyzing project needs for actionable insights. Assisted the Lead Scrum team in delivering the **Yantra Order Management System (B2C)** by maintaining clear communication with internal and client stakeholders, ensuring alignment with Agile principles.

Girl Skirt Mission (GSM), Chicago | *Business Consulting Intern (Business analysis, business strategies)* Feb 22- May 22

- Analyzed Girl Skirt Mission’s social media presence and **KPIs**. Utilized YouTube and Twitter analytics for key competitor analysis. Redesigned GSM’s social media strategy based on market analysis, provided business recommendations.
- Examined potential engagement platforms and conducted social media campaigns to boost GSM’s reach.
- Achieved **40%** subscription growth on GSM’s social media platforms like Facebook, Twitter, and YouTube.

Associated to TCS , Pune, India. | *Data Analyst Intern (Python, Jupyter Notebook, Excel, SQL)* Jul 19-Nov 19

- Analyzed the open source 'tree census' dataset using Python for data preprocessing and exploratory data analysis (EDA) to identify patterns and outliers. Visualized the findings with a Tableau dashboard featuring bar charts, pie charts, histograms.

ACADEMIC PROJECTS

Financial Credit Risk Analysis | *R programming, Classification Models*

- Analyzed and explored data financial records of **0.1 million** customers to identify loan outcome and defaulter patterns.
- Developed **Supervised Learning Models** to predict loan defaulters and provide high returns with low risk for investors.
- Performed hyper-parameter tuning in addition to cost-based analysis to increase annual return by **5%**

KPMG Virtual Internship | *Data Analysis: MS Excel (Pivot Table, VLOOKUP, Filter), Tableau*

- Analyzed and explored **38k+** ‘customer records’ to assess the data quality, accuracy, uniqueness, validity, etc. Identified quality issues, limitations and gathered external data for modelling purpose.
- Developed a data model & utilized Pivot tables and excel functions to interpret data distributions, trends, and patterns.
- Built Tableau dashboard to visualize target customer demographic attributes and identify top **200 high value** customers.

Southwest Airlines Data Analysis | *(Tableau, SQL, Statistics, MS Excel)*

- Examined **3.7** million flight records with **50** variables to analyze the performance of Southwest Airlines in FY 2020.
- Recorded **16.77%** of total Southwest flight delays amongst **11** other competitor airlines and visualized trends in delay.
- Built over **20** dashboards using Tableau Software to accomplish a comparative analysis across several airlines.

CERTIFICATIONS

- **Dataiku (Core Designer Certificate)**, Amazon Web Services (**AWS Data Analytics**, **AWS Cloud Foundations**)
- **Tableau Data Analyst Certificate (on-going)**