

## SAMA ASHWITHA

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### PROFILE SUMMARY

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Data-driven and results-oriented M.Sc. in Statistics graduate with a strong academic background and hands-on experience in data analysis, statistics, and analytics tools. Proficient in Python, R, SQL, Excel, and Power BI, with a focus on data preparation, predictive modeling, and visualization. Exceptional communication and presentation skills. Adept at transforming complex data into actionable insights and contributing to projects that enhance decision-making processes

### EDUCATION

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<b>M.Sc. (Statistics) – 7.3/10 (CGPA)</b> Central University, Koraput, Odisha	<b>2020 – 2022</b>
<b>B.Sc. (Statistics, Maths, and Computers) – 9.2/10 (CGPA)</b> Osmania University, Hyderabad	<b>2017 – 2020</b>

### SKILLS

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- **Analytics Tools:** Python, R, SQL, Excel, Power BI
- **Analytics Techniques:** Basic Statistics (Hypothesis testing, Stats methods)
- Data Analysis, Reports and Visualization Dashboards, Data Preparation, Predictive modelling
- Good working knowledge of Microsoft Word, Excel and PowerPoint
- Strong verbal and written communication skills
- Good analytical skills and Presentation skills

### TRAINING/INTERNSHIP EXPERIENCE

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**Analytix Labs, Bangalore | Data Analyst** **Apr 2023**

**Skill:** Python, R Programming, Excel, Data Analysis, Marketing Analytics, Risk Analytics, Power BI, SQL

- Acquired proficiency in Python programming for data analysis and modeling
- Demonstrated strong skills in R Programming and Excel for data analysis, enabling effective manipulation and visualization of data for assignments and projects
- Actively participated in assignments and projects related to marketing analytics and risk analytics, utilizing tools such as R, Power BI, and SQL to extract actionable insights from data
- Developed and maintained 10+ interactive Power BI dashboards, providing real-time insights, resulting in more informed decision-making

### PROJECTS

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**Title: Mobile Manufacturer (Data Analysis)**

- Performed data analysis on mobile manufacturing companies Sales and Transaction Data to enhance user requirements and optimize sales strategies.
- Transformed delimited data files into a SQL Server database, ensuring data accuracy by auditing for missing values, data type mismatches, and record counts.
- Analyzed revenue, orders, and sales trends based on mobile model and region, providing valuable insights for decision-making
- Calculated the average price for each mobile model, focusing on the top five models/locations by sales volume
- Utilized SQL and exploratory data analysis techniques to drive improvements in sales and user experience

**Title: Predicting Car Sales and Identifying Key Drivers of Sales**

- Utilized Linear Regression in Excel and R to identify key sales drivers for various car models and predict sales at the model level

**Title: A Study on Adults HIV Prevalence (15-49) Years of Different States in India**

- Conducted ANOVA analysis in Excel and R to study HIV prevalence across different Indian states among adults aged 15-49

**Title: Sports Data Analysis (Data Analysis)**

- Implemented exploratory data analysis techniques in MS Excel to systematize membership records, generate reports, and analyse trends for a sports organization