

Ranga Hande

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Data Analyst transitioning from an accomplished engineering career, equipped with expertise in Python, SQL, and Tableau, coupled with a robust foundation in A/B testing, statistical analysis, and customer segmentation. Eager to leverage analytical prowess and technical acumen to drive impactful insights and solutions in the data science landscape.

Skills:

- A/B Testing and Statistical Analysis,
- Exploratory Data Analysis
- Data Cleaning and Visualization
- Data Mining and Predictive Modeling

Tools:

- SQL (PostgreSQL/MySQL), Excel, Google Sheets
- Tableau, LookerStudio, Power BI
- Python (pandas, NumPy, matplotlib, Seaborn, scikit-learn)

PROFESSIONAL EXPERIENCE

Data Science Volunteer, Remote

Jan 2021 – Present

- Collaborated on diverse data science projects with companies such as Omdena fostering innovative solutions and actionable insights
- Contributed to solving real-world problems e. g. automated detection of adulterated Milk

Senior Engineer, Nordstrom, Seattle, WA

Oct 2017 – Dec 2019

- Enhanced retail store profitability by 2-3% through optimized data analysis leveraging SQL, spreadsheets, and Tableau.
- Mentored junior engineers, elevating team-wide skill proficiency by 4%.
- Led syslog data mining initiative, resulting in an 8% reduction in backlogged problem tickets.

Engineer, Microsoft, Redmond, WA

Apr 2012 – Oct 2017

- Conducted data analysis on trouble tickets data using SQL, Python, and Excel
- Created KPI dashboards, driving a 10% reduction in MTTR
- Other - Network engineering, architecture and project management

Engineer, T-Mobile, Bellevue, WA

Apr 2007 – Apr 2012

- Led network performance analysis at MSO locations
- Achieved a 6% performance improvement through data analysis
- Developed KPI dashboards to monitor key metrics and provided strategic recommendations for performance enhancement
- Other - Network engineering, architecture and project management

EDUCATION

Data Analytics Training Program, Masterschool

Jan 2023 - Sep 2024

- Engaged in a comprehensive 18-month Data Analytics BootCamp program, gaining proficiency in data analysis tools and techniques.
- Successfully completed hands-on projects, demonstrating practical skills in extracting insights from complex datasets

Bachelor of Engineering in Electronics and Communication Engineering/Computer Science, GPP India

PROJECTS

Globox Landing Page A/B Testing

- Orchestrated an A/B testing initiative for Globox, yielding an 18% surge in conversion rates while safeguarding average spending.
- Employed Tableau for intuitive dashboard creation, Python for robust data analysis, and SQL for data extraction, showcasing prowess in hypothesis testing, critical thinking, and project management.

Metrocar Funnel Optimization Analysis

- Spearheaded a data-centric project, driving a 15% surge in quarterly revenue through strategic insights and targeted marketing enhancements.
- Leveraged SQL, Python, and Tableau to dissect customer funnel data, exemplifying proficiency in statistical analysis and strategic planning.

TravelTide Customer Segmentation and Rewards Program

- Led the creation of a personalized rewards program, elevating customer retention by 20% within six months.
- Crafted an interactive Tableau dashboard enabling real-time modifications based on behavioral metrics, showcasing adeptness in data mining, segmentation, and stakeholder communication.