


ROHIT DUSANE

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LinkedIn: [LinkedIn Profile](#) | GitHub: [GitHub Profile](#) | Publications: [Publications Link](#)

Profile Summary

Detail-oriented **Data Analyst** and **Biostatistician** with 10+ years of experience in **statistical analysis**, **data transformation**, and **data visualization**. Proficient in **SPSS**, **R**, **Python**, **SQL**, and **Power BI**, with expertise in **predictive modeling**, **hypothesis testing**, and **regression analysis** for both **clinical research** and **business optimization**. Strong ability to analyze complex datasets, deliver **actionable insights**, and support **data-driven decision-making**. Eager to apply analytical skills and fresh perspectives to optimize **strategies**, enhance **performance**, and improve **decision-making** in a dynamic **data analyst** role.

Relevant Coursework

- | | | | |
|------------------------|------------------------|---------------------|-------------------------|
| • Statistical Analysis | • Data Manipulation | • Data Mining | • Requirement Gathering |
| • Data Visualization | • Data Cleaning | • Power BI | • Business Analysis |
| • Data Preprocessing | • Regression Modelling | • Clinical Research | • Communications |

Experience

NMC Healthcare Group – Biostatistician, Abu Dhabi, UAE

Dec 2018 – Aug 2024

- Performed **statistical analysis** using **SPSS**, **R**, and **Python** to conduct **data wrangling**, **exploratory analysis**, and **hypothesis testing**, improving outcomes by **30%**.
- Developed **regression models** and provided **data-driven insights** through **statistical reports** and **visualizations** to support **clinical decision-making**.
- Collaborated with **cross-functional teams** to ensure accurate **data collection**, **analysis**, and **interpretation** for **clinical studies**.
- Designed and implemented **predictive models** and **data analysis strategies** to optimize **healthcare outcomes**.
- Authored **10 peer-reviewed publications** in **clinical research**, contributing to the medical community's understanding of key health metrics.

Tata Memorial Hospital – Statistician, Mumbai, India

Aug 2013 – Jul 2018

- Utilized **SPSS** to develop **statistical models** predicting **disease progression** and **treatment outcomes**, improving patient care strategies by **25%**.
- Led **methodology design** for **observational studies** and **randomized controlled trials (RCTs)**, ensuring compliance with **regulatory standards** and **statistical rigor**.
- Provided **statistical support** with a focus on **data analysis**, leading to contributions in **25 published studies**.
- Performed **survival analysis** and **risk assessments** to evaluate **treatment efficacy** and **patient prognosis**.
- Conducted **training sessions** for **research teams** on **statistical tools** and **best practices** in **clinical study analysis**.

Projects

- **Business 360 - Brick & mortar and e-commerce** | Power BI, SQL, Excel | [Live Dashboard](#) Dec 2024
 - Developed a Power BI dashboard integrating sales data from **Excel/CSV** and a **SQL database**, optimized using **DAX Studio** for a **5% performance improvement** and **20% reduction** in data-related expenses.
 - Designed to track **AtliQ hardware's sales trends** over the past 4 years, with projections indicating a potential **7% revenue increase** in the next quarter.
- **Healthcare Analysis - Comparison Report** Power BI | Excel | [GitHub Repo](#) Nov 2024
 - Developed a **dashboard** in Power BI, for analyzing the impact on **patient wait list** in healthcare business.
 - Showcased insights into 2 major aspects of business KPI (**Avg Wait time Current** and **Last month**), **Trend** by Age Group, Monthly distribution by Case Type.
 - Identified potential pitfalls and enabled **20% improvements** in patient wait list with this report.
- **Sales data analysis** - Excel | Power Pivot | Power Query [GitHub Repo](#) Sep 2024
 - Built a Excel dashboard covering different KPIs (Footfall, Sales, Quantity, Profit) and Sales trend to track business service in 3 countries.
 - Analyzed sales data, identified top-performing products, and recommended a **10% increase** in coffee sales to drive higher profits.

Technical Skills

Analytical Tools, Languages: Excel, Power BI, Power Query, Data Modelling, Python, SQL, SPSS, Time intelligence functions

Education

North Maharashtra University, Jalgaon

Apr 2010 – May 2012

Master of Science - Statistics