BALAJI RAVI

REAL WORLD EVIDENCE ANALYST

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LinkedIn | GitHub

PROFESSIONAL SUMMARY

Real World Evidence Analyst with experience in health outcomes research, RWE generation and healthcare data analysis. Works with SAS, SQL and Snowflake to support post-market studies, drug-utilization analysis and reproducible statistical outputs. Collaborates with cross-functional and global teams and is pursuing an MSc in Data Science (AI & ML).

PROFESSIONAL EXPERIENCE

Real World Evidence Analyst | Fortrea Drug Development Apr 2023 – Present | Bengaluru

- Develop SAS programs for RWE data analysis, aligned with protocol specifications and client-defined standards.
- Execute post-market RWE studies using Snowflake databases and support evidence generation for drug utilization.
- Collaborate with RWE scientists, epidemiologists, data scientists and global evidence teams to support real-world data analysis.
- Support protocol development and contribute to targeted literature reviews that guide evidence strategies.
- Maintain SOP compliance to ensure accurate and reproducible statistical outputs.

SELECTED DOMAIN PROJECT

Real World Evidence of Pfizer (SAS Studio)

Generated statistical tables and figures using SAS macros for post-market studies; analyzed drug-utilization patterns and fill-rate metrics using Snowflake Data Lakes. Applied RWE/RWD, HEOR, epidemiological measures (prevalence, incidence, morbidity and mortality), adverse-event and comorbidity evaluation, ECOG/KPS performance scores, standard-of-care and treatment-pattern analysis, burden of illness, HCRU and cost analysis. Experience includes EHR and claims data.

EDUCATION

MSc Data Science (AI & ML) — Liverpool John Moores University, UK (via upGrad) | 2025–Present, pursuing

Operation Management and Analytics — IIT Delhi | 2023–2024

B.Tech, Electrical and Electronics Engineering — Sri Manakula Vinayagar Engineering College, Pondicherry | 2018–2022

SKILLS & DATABASE KNOWLEDGE

Statistical programming: SAS, SAS Macros, SQL, SDTM, ADaM, TLFs, R (beginner)
Healthcare / RWE: RWE/RWD, HEOR, epidemiology, post-market studies, EHR and claims data
Visualization: Tableau, Power BI
Databases: Optum, Flatiron, Market Scan, Market Clarity, JMDC, MDV

CERTIFICATION

Data Analytics Certification — Great Learning