

Melvon Khanyile Mashele

Data Analyst

South Africa |  melvonkmashele@gmail.com |  [LinkedIn](#) |  [Portfolio](#) |  [Github](#)

Turning data into impact, one insight at a time.

Skills

Technical:

- SQL
- Advanced Excel
- Power BI
- Data Cleaning & Transformation (ETL)
- Statistical Analysis & Modelling
- Data Visualization
- Data Reporting & Documentation

Additional:

- Analytical Thinking
- Effective Communication
- Team Collaboration
- Project Planning.

Professional Experience

Project Manager – Orphanage Construction Project

University of Johannesburg

April 2023 – October 2024

- Managed a R50,000 university project, optimizing resource allocation to reduce costs by R5,000 (10%).
- Analysed financial and operational data using Excel and SQL, tracking progress and spending.
- Delivered 4 Power BI dashboards to simplify reporting and improve stakeholder transparency.
- Reduced project delays by 25% through task tracking and collaboration using Monday.com.
- Presented actionable insights to faculty, ensuring the project was completed on time and within budget.

Statistical Analyst Intern

University of Johannesburg

January 2022 – November 2022

- Collaborated with a team to analyse survey data for a R2.5 million bridge feasibility project.
- Processed 540 survey responses, improving reporting accuracy by 15%.
- Conducted statistical analysis (mode, median) to identify trends and insights.
- Created detailed Excel reports with visualizations for stakeholders.
- Streamlined data workflows, reducing report generation time by 30%.

Education

Bachelor of Engineering in
Civil Engineering Technology
University of Johannesburg

- Statistics
- Project Management
- Business Analytics

Certifications

- Google Data Analytics Professional Certificate
- IBM Data Analytics Professional Certificate

Selected Projects: [Portfolio](#)

1. EDOC - Stock Market Analysis and the Future of Telemedicine & Digital Health
 - Analysed stock market trends in telemedicine and digital health using predictive analytics, highlighting growth, challenges, and increasing investments in healthcare innovation.
2. Healthcare Costs, MedTech Appliances, and Access Analysis
 - Examined healthcare costs and MedTech availability across countries using Power BI, identifying cost-saving opportunities and forecasting healthcare innovations.
3. Exploring the Global Landscape of Women's Safety (2019–2023)
 - Analysed Women, Peace, and Security (WPS) scores to identify trends in safety, legal discrimination, and gender equality, supporting global policy recommendations.
4. Predicting My Personal Wellbeing: A Data-Driven Journey Through Life
 - Created a predictive model to analyse personal well-being trends and forecast health and happiness from age 1 to 32, focusing on balanced personal growth.