

Abdul Mahi

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EDUCATION

Bachelor of Computer Science, Major in Software Development
Swinburne University of Technology

Mar 2021 – Dec 2023
Melbourne, Australia

EXPERIENCE

Business Intelligence Developer

May 2024 – Present

Clevertronics

- Managed 120+ Power BI users across 3 time zones with high turnover. Automated report distribution, user lifecycle management and RLS policies, reducing manual admin overhead and saving 10+ hours monthly.
- Created user guides & redesigned complex Power BI reports with intuitive visualizations and simplified interfaces, increasing user engagement by 40% and reducing support requests by 50% while improving overall productivity.
- Developed 10+ ETL pipelines to migrate historical and newly generated data from Dynamics 365, Syteline, and NetSuite ERP into Data Warehouse, integrating the data with live dashboards while ensuring zero downtime.
- Actively communicated & gathered requirements from non-technical stakeholders across Sales, finance, and manufacturing teams to align data, resolve mismatches, and ensure 95%+ accuracy for NetSuite go-live.
- Optimized MS SQL Data Warehouse architecture, reducing report generation time by 15% through strategic indexing and stored procedures, implemented SSIS packages for automated data cleaning and backup processes
- Coordinated external technology partners for BI tool licensing, infrastructure upgrades, and design implementation

Data Analyst

Feb 2024 – May 2024

Little Birdie

- Conducted user bucket and cohort analysis to evaluate churn rates across different software platforms, identifying usage patterns, user journey, and measuring the business impact of new software features.
- Assisted the marketing team in analyzing market trends, impact of new campaigns, and tracking KPIs.
- Analyzed user activity data and identified 3 underused UI features. These features were removed, simplifying the UI and contributing to an increase in 65% positive feedback after the major version update.
- Developed a Tableau dashboard for tracking website and mobile app KPI, replacing manual metric extraction from multiple dashboards and data Warehouse, saving 6 hours per week.
- Assisted with data validation, cleaning, and automating quality checks, enabling BI developers to generate reports and dashboards 30-50% faster.

Intern Developer

Aug 2022 – Nov 2022

Cellcast - SMS & MMS Marketing

- Used MySQL, JavaScript, jQuery, PHP, and CSS to develop three webpages featuring charts & dashboards.
- Developed forms and components for gathering user experience data, and built a pipeline to a MySQL Database.

RELEVANT COURSES & PROJECTS

Google Professional Courses (BI Engineer, Advanced Data Analytics)

- Developed an interactive dashboard in Tableau to analyze Minnesota highway traffic conditions, identifying congestion hotspots to inform infrastructure planning.
- Conducted usage trend analysis on NYC Citi Bike data using Google Dataflow ETL pipelines and BigQuery SQL, uncovering user behavior patterns that optimized demand forecasting strategies and operational efficiency.

Project DocuMed - AI Medical Documentation (Melbourne Bioinnovation Student Initiative)

- Cleaned & performed exploratory data analysis on annotated medical text datasets to identify gaps in clinical documentation to enhance NLP model coverage utilizing Python. Additionally used libraries (Pandas, Matplotlib, Seaborn) to visualize transcription accuracy trends and suggest model improvements to the team.

SELECTED TECHNICAL SKILLS & CERTIFICATIONS

Languages: SQL(T-SQL, PostgreSQL, MySQL), Python(Pandas, NumPy, SciPy, Seaborn, Matplotlib), R, Scala, Java
Data Warehousing & ETL: MS SQL Server, SSIS, Snowflake, Google BigQuery, Google Dataflow, MS Access, Celigo
BI Tools: Excel, Power BI(DAX, Power Query, M Code), Tableau, QlikView, D3.js, Looker
Statistical Analysis: Cluster Analysis, Hypothesis testing, Regression analysis, Market Basket Analysis
Collaboration & Project Management: JIRA, Confluence, Visual Studio, DataGrip, GitHub, MS Visio, SharePoint
Certifications: MS Power BI Analyst (PL-300), Google Advanced Data Analytics, AWS Cloud Foundations