

Atharva Badhan

Melbourne, Victoria | +61 425 300 062 | atharva.badhan@gmail.com
linkedin.com/in/atharvabadhan | github.com/AtharvaBadhan | atharvabadhan.me

PROFESSIONAL SUMMARY

Master's in Data Science candidate at Monash University with hands-on experience in machine learning, exploratory data analysis, predictive modelling, and dashboard development. Skilled in Python, SQL, Power BI, and cloud-based analytics solutions, with experience working across real-world datasets to generate actionable business insights. Built data-driven projects involving feature engineering, statistical analysis, cloud infrastructure, and real-time analytics systems. Strong collaborator with experience working in Agile and cross-functional environments.

EDUCATION

Monash University

Master of Data Science

Melbourne, Australia

January 2025 – December 2026

University of Mumbai

Bachelor of Engineering, Computer Engineering | CGPA: 9.17/10.0

Mumbai, India

June 2020 – June 2024

SKILLS

Reporting & Governance: Portfolio Reporting, PMO Support, KPI Reporting, Executive Reporting Packs, Monthly/Quarterly Reporting Cadence, Performance Reporting (Schedule, Budget, Scope, Risk), Data Governance

Data & Analytics: Advanced Excel (PivotTables, VLOOKUP, Power Query, complex dataset reconciliation), SQL, Data Cleaning & Cleansing, Data Integrity, Exploratory Data Analysis, Quantitative Analysis

BI & Platforms: Power BI, Tableau, Dashboard Development, SharePoint, PPM Platform Support, Data Visualisation

Business & Stakeholder: Stakeholder Engagement, Cross-Functional Collaboration, Report Writing, Project Coordination, Workflow Optimisation, Agile Development

Certifications: Microsoft Power BI, Preparing Data for Analysis with Microsoft Excel, Data Visualisation and Dashboard Development

EXPERIENCE

Software Developer

ESDS Software Solutions

June 2024 – December 2024

Mumbai, India

- Maintained and uplifted a centralised project data repository across 100+ enterprise systems, ensuring data integrity, consistency, and authenticity for operational and performance reporting.
- Delivered monthly KPI reporting frameworks and executive-ready Power BI dashboards, increasing reporting efficiency by 40% and reducing manual spreadsheet workloads.
- Processed and integrated data from 10+ operational and reporting sources to support dashboard outputs, performance reporting workflows, and client-facing analytical interfaces.
- Collaborated with 6+ cross-functional developers, designers, and stakeholders to streamline reporting workflows and improve front-end data presentation, reducing manual reporting effort by 40%.
- Presented dashboard updates, reporting outputs, and platform performance insights to technical and non-technical stakeholders, supporting faster issue resolution and improved project visibility across delivery teams.

IoT Developer — Data Analytics & Performance Dashboards

Emertxe Technologies

March 2023 – May 2023

Bangalore, India

- Diagnosed and resolved 95% of front-end and reporting-related technical issues within delivery timelines, strengthening platform stability and overall system reliability by 35%.
- Created interactive dashboards to track and visualise operational performance metrics, enabling clear reporting of risks, trends, and performance outcomes for stakeholder review.
- Presented analytical findings and performance insights in leadership reviews, translating quantitative data into concise, actionable recommendations for senior audiences.

Front-End Developer

Mindful Gurukul

June 2023 – August 2023

Mumbai, India

- Optimised React-based website pages and admin panel interfaces using JavaScript, HTML, and CSS, improving platform performance and usability by 40%.
- Collaborated with designers, engineers, and mentors in an Agile team to deliver responsive UI components, feature updates, and user-focused interface improvements.
- Conducted debugging, quality testing, and cross-device checks, reducing front-end errors by 30% and improving overall website reliability.

PROJECTS

Monash Industry Innovation & Collaboration Portal (ICIP) | *PMO Planning & Portfolio Governance* 2025

- Led end-to-end PMO planning for a \$875,760 capital works digital transformation initiative, developing a full portfolio governance framework including WBS, Gantt Chart, Cost Baseline, and reporting cadence across an 18-month lifecycle.
- Produced executive-ready reporting artefacts including Project Charter, Scope Statement, stakeholder communication plan, and risk register — aligned with PMBOK standards and senior leadership review requirements.
- Applied feature engineering, statistical analysis, cloud infrastructure, and real-time analytics techniques across data-driven projects.
- Mapped an Agile delivery roadmap with sprint planning and milestone tracking, translating capital works objectives into measurable schedule, budget, and scope outcomes.

CloudEco: Environmental ML Cloud Platform | *Cloud Data Infrastructure & Analytics* Feb 2026 – Apr 2026

- Deployed and managed a cloud-native data platform handling 200+ concurrent requests, demonstrating experience with enterprise-scale cloud data environments and infrastructure governance.
- Implemented Infrastructure-as-Code workflows using Terraform, reducing manual configuration effort by 60% while strengthening platform data reliability and scalability.
- Conducted structured performance load testing across multiple configurations, benchmarking throughput and failure rates — applying systematic data analysis methods to infrastructure performance reporting.

DigiCO Data Wrangling & Predictive Analytics | *Python, Scikit-learn, NLP, Statistical Modelling* 2025

- Engineered end-to-end data cleaning and preprocessing pipelines across 10,000+ retail transaction records using Python, Pandas, NumPy, and regex-driven validation.
- Automated data quality workflows to detect missing, inconsistent, and anomalous records across customer, warehouse, pricing, and delivery datasets, improving validation accuracy by 95%.
- Applied missing value imputation, geospatial inference, VADER sentiment analysis, and rule-based reconstruction to restore 1,000+ incomplete records for downstream analytics.
- Developed regression-based outlier detection and predictive modelling workflows using Scikit-learn, achieving model accuracy above 97% while reducing feature skewness by up to 80% through statistical transformations.

Decibel Tracker | *Real-Time Data Reporting & Dashboard Development* 2025

- Engineered a real-time data monitoring system processing 5,000+ data points per session, transforming raw sensor inputs into structured analytical outputs and a live performance dashboard.
- Enhanced reporting clarity and dashboard responsiveness by 30%, delivering forward-looking performance insights through a clean, stakeholder-facing visualisation interface.

AWARDS

Smart India Hackathon 2022 — Winner