

# MUHAMMAD AMINUDDIN BIN SAMSUDIN

Aspiring Data Analyst | Perai, Penang

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## PROFESSIONAL SUMMARY

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Detail-oriented aspiring Data Analyst with hands-on experience in data cleaning, SQL querying, dashboard development, and machine learning. Trained in building ETL pipelines and visualizing insights using Python, Power BI, and Tableau. Combines technical bootcamp training with real-world operational experience in Warehouse and quality control to deliver accurate, actionable data solutions.

## WORK EXPERIENCE

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### Section Leader – Warehouse Operations

**Mas Awana Services Sdn Bhd** — Penang International Airport

May 2024 – Dec 2025

- Led time-sensitive logistics operations while ensuring 100% compliance with IATA regulations for Dangerous Goods handling.
- Used Excel-based WMS to track real-time inventory, generate reports, and enforce FIFO/FEFO stock rotation.
- Optimized warehouse layout for fast-moving items, reducing picker travel time and increasing throughput.
- Managed a 60% surge in shipment volume during peak season while maintaining a 99.9% in-stock rate.
- Maintained 90% inventory accuracy through regular cycle counts and audits.

### Quality Control Specialist

**Resonac Materials Malaysia** — Perai, Penang

Jun 2020 – Apr 2024

- Conducted 100% quality testing on production samples to ensure product conformity.
- Documented non-conformances and generated weekly reports to support root-cause analysis.
- Streamlined inter-departmental handoffs by managing final sample approvals and clear communication channels.

## TECHNICAL SKILLS

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- Languages: Python, SQL
- Libraries & Tools: Pandas, NumPy, scikit-learn, TensorFlow, Matplotlib, Plotly
- Visualization: Power BI, Tableau, Excel (PivotTables, VLOOKUP, Charts)
- Databases: MySQL
- Concepts: ETL, Data Cleaning, Exploratory Data Analysis (EDA), KPI Tracking, Machine Learning

## EDUCATION

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### AI & ML Bootcamp

**Nexperts Academy**, Petaling Jaya

Nov 2025 – Dec 2025

- Built end-to-end ETL pipelines using Python (pandas, NumPy) for unified datasets.
- Developed supervised/unsupervised ML models; visualized insights using Tableau, Power BI, and Plotly.

### Sijil Tinggi Persekolahan Malaysia (STPM)

**SMK Agama Sik** | 2018–2019 | CGPA: 3.58

Relevant Subjects: Pengajian Am, Bahasa Melayu, Syariah, Bahasa Arab

## PROJECTS

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### Cafe Sales Data Cleaning & Analysis

- Cleaned a 10,000-row “dirty” dataset using Python (Pandas), resolving placeholders like 'UNKNOWN', imputing missing values via business logic, and standardizing formats.
- Achieved high data integrity, enabling reliable sales trend analysis.
- Tech Stack: Python, Pandas, NumPy, Plotly | project : [Project On python](#)

### Global Layoffs (2020–2023) – Trend Analysis

- Wrote complex SQL queries (JOINS, CTEs, aggregations) to extract and analyze workforce reduction trends from relational databases.
- Built an interactive Tableau dashboard highlighting key insights.
- Tech Stack: MySQL, Tableau | project : [Project On SQL](#) | Dashboard : [Tableau](#)

### Customer Insights & Bike Purchase Behavior

- Performed end-to-end data cleaning and transformation in Excel on 5,000+ customer records.
- Developed dynamic reports to uncover purchasing patterns by income, age, and region.
- Tech Stack: Microsoft Excel | project : [Project on Excel](#)

### Superstore Sales Performance Dashboard

- Designed a Power BI solution tracking global retail performance—from high-level profit KPIs down to sub-category trends (e.g., “Tables” lost \$24K in Q3).
- Enabled simulated decision-making through drill-down filters and time-based comparisons.
- Tech Stack: Power BI | Project : [Project on Power BI](#)

## CERTIFICATIONS

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- Certificate Of Completion In Artificial Intelligence (Certified by MBOT)
- Google Advanced Data Analytics
- Certificate Of Achievement In AI & ML Bootcamp