FANNISA FAHMI

Mobile: +65 91302188 | Email: fannisafahmi@outlook.com / fannisafahmi03@gmail.com|
Website Portfolio: https://ffannisa-portfolio.vercel.app/ | LinkedIn: https://www.linkedin.com/in/fannisa-fahmi/

Engineering graduate specialising in Business Analytics and Supply Chain, with experience in data analytics, statistical modelling, and enterprise data systems. Skilled in building dashboards, analytical models, and maintaining data quality for reliable business insights.

EDUCATION

Singapore University of Technology and Design (SUTD) **Singapore**
Bachelor's degree in Engineering (Engineering System and Design) **Sep 21 to May 25**
- Specialising in Business Analytics and Operations Research, Supply Chain and Logistics

Nanyang Technological University (NTU) **Singapore**
Summer Program **Jun 22 to Jul 22**
- Completed 2 courses: CS2400 – Foundation of Info Analytics and EE4483 – Artificial Intelligence and Data Mining

WORK EXPERIENCES

PT. Welovesupermom Marketing Indonesia **Jakarta, Indonesia**
Internship, Insights **Sep 25 to Present**
- Conduct market research and data analysis using Excel and Python to generate reporting insights on regional data supporting crowd intelligence initiatives across Southeast Asia for parent-focused brands on consumer goods and beauty.
- Built Looker dashboards by transforming and integrating user survey data in BigQuery for demographic and behavioral analysis.
- Ensured data quality and integrity in social listening dashboards through regular validation, issue resolution, and metric consistency checks for accurate client reporting.
- Supported B2B sales enablement through data-driven presentations, coordinating events, and liaising with clients and vendors.

Digital Place Ventures Pte. Ltd. **Singapore**
Internship, Research and Development **Aug 23 to Dec 23**
- Applied machine learning models to refine supermarket inventory system, achieving a 20% improvement in forecasting accuracy.
- Automated and optimized ETL data pipelines and workflows to improve operational efficiency, processing large-scale Parquet datasets through code enhancements, bug fixes, and feature updates, reducing system processing time by 50%.
- Analyzed system performance using Python and Matplotlib to identify issues and support continuous improvement.
- Led agile task tracking and coordination as Scrum Master, supporting feature rollout, stakeholder alignment, and adoption.

PT. Indonesian Cloud, Cloud Computing Service Provider **Jakarta, Indonesia**
Internship/Apprenticeship, Social Media Analytics **Dec 22 to Jan 23**
- Analyzed social media data to deliver reports on sentiment, demographics, key issues, and performance for external clients.
- Presented findings via PowerPoint and Excel, providing insights for clients' branding, reputation, and campaign strategy planning.

ORGANISATIONAL AND CO-CURRICULAR ACTIVITIES

Secretary – SUTD Mechanical Designer Club **Feb 23 to Feb 24**
- Managed documentation, membership records, and supported CAD workshops and technical events.

Volunteer – Uni-Y Singapore, Y Craft it! **Jul 23 to Nov 23**
- Mentored young children through arts and crafts activities, supporting social and developmental learning.

Secretary – Wardaya Toastmasters Club **Jan 19 to Nov 21**
- Organised various toastmasters' meetings and events, managing administration and external communications.

ACADEMIC PROJECTS

Capstone Project: Predictive Analytics Dashboard – with Johnson Controls **Sep 24 to Apr 25**
- Led end-to-end implementation of a predictive analytics dashboard for performance tracking, integrating SAP and Salesforce data with a Python forecasting model, while coordinating cross-functional stakeholders and resources to ensure aligned delivery.
- Developed ETL pipelines and SQL queries in Snowflake for data processing, and Power BI dashboard for data visualization.
- Defined and documented KPIs and data definitions to ensure consistent, reliable reporting across integrated data sources.

Investment Portfolio Simulation **Mar 24 to Apr 24**
- Worked with a team to develop an interactive investment simulation tool to teach financial analysis and strategy creation through adaptive simulations for various risk profiles, asset allocations, and market conditions.
- Engineered front and backend using HTML, JavaScript, and Bootstrap, also contributing to project conceptualization.

Sales Analytics and Forecasting Dashboard – with TSH Synergy PTE. LTD. **Jan 23 to Apr 23**
- Collaborated with a team to create a sales visualization dashboard extracted from client's ERP data, encompassing a forecasting model utilizing R, prominent metrics, and a drill-down feature to accurately track monthly sales performance.
- Implemented backend development and data visualization using Highcharts Js, Python, HTML, and the Flask web framework

ADDITIONAL INFORMATION

- Skills/Tools: SQL, Python, pandas, NumPy, R, R Shiny, Excel, Power BI, Looker Studio, BigQuery, Snowflake, Google Cloud Platform, Git, Jira, Confluence, TensorFlow, Microsoft Office (Word, PowerPoint)
- Languages: Fluent in English (Native/Bilingual Proficiency) and Indonesian (Native Proficiency)