

ALYA NABIHAH AMRINA BINTI AMINUDDIN

DATA SCIENTIST

CONTACT

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📍 Shah Alam, Selangor

SKILLS

Programming: Python, R, SQL

Data Manipulation: Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn

Machine Learning: Supervised and Unsupervised

Data Visualization: Matplotlib, ggplot2, IBM Cognos Dashboard, Microsoft Excel, Power BI

EDUCATION

B.S. Mathematical Statistics and Probability

Purdue University

2018 - 2020

- Completed model selection and regression analysis project using R programming language
- Focused on statistical quality control and specialized in six sigma methodology

AS Mathematics

Northampton Community College

2016 - 2018

- Completed mathematics courses such as calculus and differential equation with High Distinction

PROFILE

I'm a results-driven data scientist and analyst with expertise in math, statistics, and data techniques. With strong communication and Python/R programming skills, I translate complex concepts into actionable insights. Passionate about staying current, I use my skills to solve complex problems and make data-driven decisions.

WORK EXPERIENCE

Data Scientist

Invoke Solutions

2022-2023

- Analyze large data sets using Python, R, and Excel to identify patterns and trends, and communicate insights to management and stakeholders.
- Create and maintain dashboards and reports using Mongo DB and Power BI, ensuring accurate and timely reporting of key performance indicators (KPIs).
- Collaborate with cross-functional teams to identify business problems and design solutions, utilizing statistical analysis and machine learning techniques.
- Develop and implement data-driven solutions to improve business processes, resulting in a 10% increase in revenue.
- Automate data collection and analysis processes using scripting languages such as Python, reducing analysis time by 50%.
- Provide training and support to junior analysts, enabling them to improve their technical skills and enhance their contributions to the team.

Data Administrator

DCT Inc

2020-2022

- Identified and documented detailed business rules and use cases based on requirements analysis
- Updated spreadsheets and databases to track, analyze and report on performance and sales data, increased profit by 15%
- Implemented new ideas constantly to increase productivity and efficiency of workflow by 8%