Mohammad Nazeerul Helmi Bin Abd Halim

Seremban, Negeri Sembilan • +601127208582 • nazeerulhelmi@gmail.com
github.com/nazeerulhelmi • linkedin.com/nazeerulabdhalim/

Result-oriented **Production Engineer** with 2 years working experience in glove manufacturing industry who makes decision driven by data whenever possible. Seeking to transition into a **Data Analyst or Engineer role** after taking **Fusionex Data Engineering Associate Program** under the sponsorship of Yayasan Peneraju.

Skills

- **Programming:** Python, SQL
- **Visualization:** Microsoft Excel, Microsoft Power BI, Tableau
- **Language:** Fluent in Bahasa Melayu and English

Certification

- Certification in Tableau by 365 Data Science   Nov 2022
  - Introduction to Tableau   *[link]*
- Certification in Power Bi by DataCamp   Nov 2022
  - Power BI Fundamentals   *[link]*
- Fusionex Data Engineering Associate Program by Fusionex   Aug 2022 - Oct 2022
  - Fusionex Certified Data Associate   *[link]*
  - Digital Leadership Development   *[link]*
- Certification in SQL by DataCamp   Oct 2022
  - SQL Fundamentals   *[link]*
- Certification in Python by DataCamp   Jul 2022
  - Introduction to Python   *[link]*
  - Intermediate Python   *[link]*
- Certification in Data Analysis by CloudSwyft   Jan 2022
  - Data Analysis: A Practical Introduction for Absolute Beginners   *[link]*
  - Introduction to Data Analysis using Excel   *[link]*
  - Data Visualization: A Practical Approach for Absolute Beginners   *[link]*
  - Analyzing and Visualizing Data with Power BI   *[link]*

Work Experience

Production Executive

GoodGloves Industries Sdn Bhd   Dec 2021 – Present

- Perform analysis with team members to troubleshoot any quality issue in a timely manner resulting in a high Lot Acceptance Rate (LAR) of 97%
- Monitored production line parameters are within specification and are optimized
- Trained new employees on standard operating procedures (SOP) and use of machinery

Production Engineer

Dindings Poultry Processing Sdn Bhd   Apr 2021 – Oct 2021

- Identified and improved liver quality performance from 25% to 47% by using a data-driven technique
- Implemented Predictive Maintenance for consumable spare parts based on machine manuals and changing records to maintain 90% of the machine's performance
- Prepared One Point Lesson (OPL) for the purpose of training and teaching operators

Production Engineer

Hartalega Sdn Bhd   Dec 2019 – Mar 2021

- Improved data collection and presentation of daily glove rejection by checking and correcting the formula used resulting in an error-free Excel file

- Analyzed the data available for factors that contributed to the weight of the gloves and successfully achieved glove overweight -0.6% compared to 1.5% previously
- Planned manpower arrangement during stoppage which resulted in above 90% of production lines' availability
- Presented weekly glove overweight and rejection reports to the Production Manager using data visualization

Education

Fusionex Data Engineering Associate Program

Fusionex Group Aug 2022 – Oct 2022

- Introduced and learned how to prepare data and create a dashboard using GIANT, a data visualization tools by Fusionex
- Exposure to variables, functions, libraries e.g., matplotlib, and structure in Python while writing some working examples using Jupyter Noteboook
- Gained insight into Big Data and Data Engineering fundamentals, ETL/ELT, HDFS, Sqoop, Hive, Impala, Pyspark, PostgreSQL, Python, Fusionex Giant, etc.
- Completed a project which involves uploading and retrieving a file into and from a database, implemented data pipelining to transform the data using Pyspark and Python, and lastly, created a dashboard for data visualization purposes

Bachelor of Science in Mechanical Engineering Salt Lake City, Utah, U.S.A

University of Utah 2015 – 2019

- CGPA 3.569 / 4.0
- Deans' List for 5 semesters

Reference

Available upon request