REYHAN TERRA DIFFA
([Personal Website](#))

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SUMMARY

Reyhan has a highly motivated career in data. This has led Reyhan to learn more about data through several training and courses outside of tecture. Reyhan has also honed soft skills related to data to support his career, through internship, research, and organizational experience. Reyhan has data oriented and analytical thinking skills, as well as the use of several data tools namely Java, Python, NoSQL, SQL, Azure Cloud, Apache Kafka, Apache Airflow, Apache Flink, Apache Spark, Kubernetes, Docker, and Microsoft Excel. Currently, Reyhan is looking for opportunities in the field of Data Engineer, Data Analyst, Business Intelligence, Data Science, Machine Learning Engineer and Market Research.

WORK EXPERIENCE

- **Software Analyst** at CV. Depo Inovasi (*Intern*) (Aug – Sep 2022) ([Certificated](#))

 - Successfully applied robust data analysis techniques to assess the effectiveness of enterprise-supported software.
 - Successfully provided comprehensive insights to key stakeholders, enabling informed decision-making.
 - Successfully drove operational efficiency through the implementation of solutions based on robust analytics.

 Skills: Project Management, Communication, Presentation, Problem Solving, Math, English.

- **Laboratory Assistant** at Physics-UIN Malang (Sep – Dec 2022) ([Certificate](#))

 - Successfully perform laboratory tasks by ensuring the smooth running of electronic equipment experiments.
 - Successfully guided students through electronic circuit experiments and troubleshooting.
 - Successfully organize and maintain laboratory resources and optimize the learning experience for students.

 Skills: Collaboration, Communication, Problem Solving, Resource Management.

- **Project-Based Virtual Intern : Big Data Analytics - Kimia Farma x Rakamin Academy** (March – April 2023) ([Certificated](#))

 - Successfully performed various tasks diligently as a Big Data Analyst with the ecosystem.
 - Successfully executed data processing using SQL queries and generated information visualizations with tools such as Google Data Studio and Tableau.
 - Successfully organized impactful data storytelling sessions, enhancing data-driven decision-making.
 - Successfully portrayed a deep understanding of data complexity through these analytical efforts.

 Skills: Business Intelligence, SQL, Google Data Studio, Tableau, Communication, Presentation, Problem Solving, English.

EDUCATION

UIN Maulana Malik Ibrahim Malang
- Bachelor's degree – Physics *(GPA: 3.53/4.00)*   (2019 - 2023)
- Relevant Subjects: Artificial Intelligence, Image Processing, Intelligent Sensor, Algorithm and Programming, Computational Physics, Statistical Physics, Computer Network, Calculus, Mathematical Physics, Microcontroller, Simulation on Physical System.

PROJECT EXPERIENCE

- **Data Engineer** ([Portofolio](#))
- Successfully process real-time transaction data with Java, Python, Kafka, and Apache Flink, with reliable and fast information.
- Successfully optimized real-time transaction data searches using Postgres and Elasticsearch, as well as ensuring data availability and accuracy.
- Using Kibana to visualize processed data, this project makes analysis easier through graphs, dashboards and interactive reports.

- **Data Science (4 Project)**
- Successfully created 4 project modelling data using Python in Google Colab
- Recommendation system with some methods: Demographic Filtering, Content Based Filtering, and Collaborative Filtering. ([Portofolio](#))
- Successfully created a pollution prediction model using the LSTM algorithm with a MAPE value of 0.38. ([Portofolio](#))
- Car Price Prediction using various algorithms including Linear Regressor, Decision Tree Regressor, Random Forest Regressor, XGB Regressor, Extra Tree Regressor and Bagging Regressor and obtained the best model in the form of Extra Tree Regressor with training accuracy of 0.98 and testing accuracy of 0.96. ([Portofolio](#))
- Demonstrated expertise in NLP through successful projects with training accuracy of 0.90 and testing accuracy of 0.78. ([Portofolio](#))
- Skills: Python, Scikit Learn, TensorFlow, PyTorch

- **Business Intelligence (3 Project)** ([Portofolio](#))
- Process and organize data effectively using SQL and Microsoft Excel (VLOOKUP).
- Create reports and data visualizations using Tableau, Power BI, Google Data Studio.
- Skills: SQL, Microsoft Excel (especially VLOOKUP), Tableau, Power BI, Google Data Studio, and statistical concepts in carrying out this project.

ORGANIZATION EXPERIENCE

- **Religious National Webinar** as Chief Executive
- Completed coordination and management of aspects of a webinar, from content design to feedback analysis.
- Identification of expert sources and efficient schedule arrangement.
- Management of webinar registration and technical supervision, including interactive question and answer.

- **Quantum Physics** as Community Organizer (CO) of public relations
- Lead division team through effective daily execution.
- Build collaborative teams, take timely decisions and innovative solutions.
- In-depth problem analysis and careful performance monitoring.
- Provide effective training and achieve sustainable divisional growth.

- **Malang National Nuclear Community Malang** as Member Division information and communication.
  - Play a role in managing internal and external information flows effectively, resulting in transparent communication through a planned communication strategy.
  - Lead impactful digital content and manage important events
  - Maintain organizational storage in a dynamic environment.

- **2020 Malang National Nuclear Community Annual Meeting** as Equipment Division
  - Optimize the management, procurement and maintenance of equipment through efficient strategic planning.
  - Maintain equipment availability and performance according to safety standards, contributing to the smooth running and success of the event.

- **Bincang Bincang Nuklir 2020 by Malang National Nuclear Community** as Public Relation
  - Build a positive image through managing effective communication with the media.
  - Produce broad coverage that supports an accurate understanding of the nuclear issue.
  - Design informative messages for the general public.

- **HMJ Fisika UIN Malang** as Member Division
  - Division's continuous growth through effective daily execution.
  - Make accurate strategic decisions and design innovative solutions.
  - Identify issues in depth and carefully blend performance.
  - Provide training contributes to marketing goals and team developme

SKILLS

Technical Skill : SQL, NoSQL, Java, Python, Business & Marketing Analysis, Statistical Analysis, Data Manipulation, Data Visualization / Reporting, ETL, ELT, Machine Learning and Deep Learning Algorithm, Exploratory Data Analysis (EDA)

Soft Skill : Analytical Thinking, Strategic Thinking, Critical Thinking, Problem Solving.

Tools : MySQL, PostgreSQL, MongoDB, Elasticsearch, Redis, Google Big Query, GCP, dbt, Git, MATLAB, Azure, AWS, Hadoop, Apache Kafka, Apache Airflow, Apache Flink, Apache Spark, , Kubernetes, Docker, Power BI, Tableau, Google Data Studio, Microsoft Access, Microsoft Excel, Microsoft Outlook, Microsoft Word, Microsoft Powerpoint.

CERTIFICATION PROGAMME
- SQL (Basic, Intermediate, Advanced) (Certificate)
- Master all the MS Excel Macros and the basics of Excel VBA (Certificate)
- EF Standard English Test (EF SET) 71/100 (C2 Proficient) (Cerificate)