# Raodah Hasman

Data Analyst / Data Scientist

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## SUMMARY

Entry-level data scientist with experience in building machine learning models. Proven to be able to implement and test algorithms using SQL and Python. Have a high desire to learn new things and adapt well in a dynamic environment, as well as sufficient analytical ability to generate insights from data. Have the ability to work together in teams and be ready to face new challenges in data science.

## EDUCATION

**Hacktiv8 Bootcamp**                                                                                      **Jakarta, Indonesia**
*Data Science Program. Score : 84.05% ([Transcript](#))*                                                  *03/2024 - 06/2024*

**Hasanuddin University**                                                                                  **Makassar, Indonesia**
*Arabic literature (GPA 3.91/4.00)*                                                                        *2018 – 2022*

## SKILLS

**General Skills:** Exploratory Data Analysis, Data Cleaning, Machine Learning.
**Programming Language**: Python, SQL.
**Visualization Tools**: Tableau, Kibana.
**Libraries / Framework**: TensorFlow, Scikit-learn, Streamlit, Pandas, Numpy, Matplotlib, Seaborn, Scipy, Feature-Engine.
**Tools:** Docker, Apache Airflow, PostgreSQL, ElasticSearch.
**Techniques:** NLP, Computer Vision.
**Modeling Algorithms:** Regression, Random Forest, Decision Trees, Neural Networks, Clustering, and Dimensionality Reduction.
**Others**: Google BigQuery, Hugging Face.
**Language:** Arabic

## WORK EXPERIENCE

**Pondok Tahfidzul Qur'an Al-Ayyuby**                                          **Luwu (South Sulawesi), Indonesia**
*Arabic Language Teacher & Admin*                                             *November 2022 – June 2023*
- Teaching Arabic language subjects for Tahfidz and TPA classes.
- Managing and maintaining student data, registration, attendance, and personal data.
- Preparing official documents of the pondok.
- Documenting pondok activities through photos and videos.

**Pondok Tahfidz Markaz Imam Malik**                                          **Makassar (South Sulawesi), Indonesia**
*Musyrifah (Dormitory Advisor)*                                               *July 2023 – August 2023*
- Providing moral and character development.
- Providing emotional support and counseling for students facing personal and academic problems.
- Communicating regularly with the parents/guardians of the students.
- Building good relationships with the students and being a good listener.

## ORGANIZATION EXPERIENCES
- Member of Cadre Division, LDM al-Adab Student Activity Unit, KMFIB-UH | 2019-2020.
- Coordinator of Cadre Division, LDM al-Adab Student Activity Unit, KMFIB-UH | 2020-2021

## PROJECTS

**Coffee Chain Sales**                                                                                     *May 2024*
automated transformation and data loading from postgreSQL to ElasticSearch using airflow for coffee sales, including data cleaning, validation with Great Expectation, preparation of NoSQL database and data

visualization using kibana, to provide insight into sales performance and product and market profitability so that it can help in strategic decision-making.

*Technology / Tools: Python, Pandas, NumPy, Docker, Apache Airflow, PostgreSQL, ElasticSearch, Kibana.*

### Water Quality Prediction *May 2024*

Develop a machine learning project that uses the Decision Tree algorithm to predict water quality and a 95% accuracy score.

*Technology / Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, SciPy, Scikit-Learn, Feature-Engine, TensorFlow, Keras, Streamlit.*

### Music & Mental Health Analyze *April 2024*

Data analysis and visualization projects to evaluate the impact of music on people with mental health disorders and present them in the form of dashboards.

*Technology / Tools: Tableau, Python, Pandas, Numpy, Seaborn, Matplotlib, SciPy.*

## CERTIFICATIONS

**Hacktiv8 Bootcamp**
Full Time Data Science Program
*Certificate: Certificate*                                              *issued on June 2024*

**HackerRank**
SQL (Basic)
*Certificate: SQL_basic*                                               *issued on May 2024*

**HackerRank**
Python (Basic)
*Certificate: Python_basic*                                          *issued on June 2024*