



CERTIFICATE OF APPRECIATION

is dedicated to

Khairunnisa Najla Nugrahaini

For successfully completing

HITLAB x HI-NECT's Tech Class : Data Analyst

Information Systems Study Program UIN Syarif Hidayatullah Jakarta

Project Manager of Tech Class

Raden Achmad Zildhan Bestrand

Chief of HIMSI

Fajar Yudha Baskara

Chief Executive of HITLAB

Nabila Raihana Qalby

CONGRATULATIONS!

Congratulations on completing the Data Analyst course! You've mastered data cleaning, analysis, visualization, and tools like Python and Google Looker Studio, equipping you to extract insights and make data-driven decisions.

ACHIEVEMENTS

- **Introduction to Data and Business Understanding:** A comprehensive introduction to data types, data analysis steps, and the connection between business processes and data. (2 hours)
- **Introduction to Statistics:** Basics of statistics, including variables, central tendency measures, and descriptive analysis. (2 hours)
- **Python for Data Import, Query, Cleansing, and Binning:** Learning how to import, query, clean, and bin data using Python. (2 hours)
- **Introduction to Exploratory Data Analysis (EDA):** Techniques for detecting outliers and patterns, and the importance of data visualization. (2 hours)
- **Statistical Analysis:** Advanced statistical analysis, including cohort analysis, regression, and correlation. (2 hours)
- **Basic Data Visualization:** Introduction to data visualization principles and using Google Looker Studio for visualizing data. (2 hours)
- **Advanced Data Visualization:** Creating interactive dashboards and using advanced features in Google Looker Studio. (2 hours)
- **Machine Learning Basics:** Overview of basic machine learning concepts and algorithms for data analysis. (2 hours)
- **Final Project Pitching:** Presenting a comprehensive data analysis project that integrates all the skills learned. (3 hours)

ATTENDANCES

You successfully achieved the minimum required attendance with an excellent percentage of **81,82%** or a total learning time of 19 hours.

QUEST SESSIONS

You completed all assignments and activities with a remarkable achievement rate of **83,33%**.

FINAL PROJECT

Your final project truly demonstrated your comprehensive understanding of the skills learned:

1. Apply data cleaning techniques.
2. Perform exploratory data analysis and visualize findings.
3. Use statistical analysis methods, including regression.
4. Build and present interactive dashboards.
5. Incorporate machine learning concepts into your analysis.

ASSESSMENT

You completed the assessments with the following results:

- Pre-Test: **30 / 100**
- Post-Test: **90 / 100**

You've successfully completed a total of **19 hours of learning**, covering all sessions and activities from start to finish.

