

# CERTIFICATE OF COMPLETION

CREDENTIAL ID :  
QG-92024DSC1003

THIS IS TO CERTIFY THAT

## Ilham Brilliandi

successfully completed the intensive course of  
**Data Science Camp - Batch 29**

conducted by **QarirGenerator** with

Final Project : **Proportion of Employee Model**  
Grade : **B+ (Upper Intermediate)**



A	Advanced Satisfactory	96 -100
B +	Upper Intermediate	86 - 95
B	Intermediate	79 - 85
B-	Early Intermediate	71 - 78
C	Beginner	60 - 70

A handwritten signature in black ink, appearing to read 'Suaidi Salim', positioned above a horizontal line.

**Suaidi Salim**

Managing Director of QarirGenerator

## MODULES THAT HAVE BEEN COMPLETED ON THIS CAMP

### Python Programming

- 1.Introduction Python
- 2.Python Fundamental
- 3.Logic, Comparison, Condition
- 4.Looping and Data Type
- 5.Function, Lambda Expression & Algorithm Training

### Data Analysis

- 1.Numpy Package and Pandas Package
- 2.Pandas Package: Data Frame & Various Methods
- 3.Data Analysis: Basic Data Handling & Visualization
- 4.Data Analysis: Basic Statistic
- 5.Data Analysis: SQL Language
- 6.Case Study: Data Exploration

### Machine Learning

- 1.Machine Learning Fundamental & Data Preprocessing
- 2.Supervised Learning 1: Regression & Evaluation
- 3.Supervised Learning 2: Classification & Evaluation
- 4.Unsupervised Learning: Clustering
- 5.Model Tuning and Evaluation
- 6.Case Study: Develop ML for business case



**Suaidi Salim**

Managing Director of QarirGenerator