



# CERTIFICATE

0017/DSA/DA/122024

This is to certify that

**Novi Rosidhatul Aulia**

Has completed the course

**Data Analyst (A)**

organized **DSAREA**.

on **November 8th 2024 – December 7th 2024.**

Keterangan Grade:

A	85 – 100	Memuaskan
B	75 – 84	Baik
C	61 – 74	Cukup
D	45 – 60	Kurang



**MUHAMMAD NAUFAL**  
Chief Executive Officer DSAREA

# **SKILL REPORT** | Excel for Beginners

Visualize Data

Mathematic Operations

Basic Statistic

Function Text

Logic Function

Vlookup

Hlookup

Concatenate String

Pivot Table

# **SKILL REPORT** | Excel for Intermediate

Visualize Data

Mathematic Operations

Basic Statistic

Function Text

Logic Function

Vlookup

Hlookup

Concatenate String

Pivot Table

Index and Match

Database Excel

# SKILL REPORT | Excel for Advance

Visualize Data

Mathematic Operations

Basic Statistic

Function Text

Logic Function

Vlookup

Hlookup

Concatenate String

Pivot Table

Index and Match

Database Excel

Date Function

Range and Named

Range

Format as Table

Form



# SKILL REPORT | Python

Statistika dan Analisis

Data

Pengenalan Python

Pandas

Matplotlib

Basic Machine Learning

# SKILL REPORT | SPSS

Multiple regression

Moderated regression and path analysis

Regresi logistik, mencakup

- › -2 log likelihood
- › nagelkerke R square
- › hosmer and lemeshow
- › tingkat ketepatan prediksi
- › efek pengaruh var. Independen ke Dependen

Statistik non parametik (man whitney U test, wilcoxon rank test, kruskal wallis H test)

Uji beda antar kelompok (independent sample t test, paired sample t test, anova, crosstab dan chi square)

Statistik deskriptif dan uji kualitas data (central tendency, persentil value, dispersion, distribution)

Distribusi frekuensi (interval, batas kelas, jumlah kelas)