



UNIVERSITAS DIPONEGORO

CERTIFICATE

Decree of Dean Number: 5331/UN7.5.8.2/HK/2021

This is to certify that

Hairani

Has participated in

DIPONEGORO BIG DATA SCHOOL (DBDS) 2021

November 25th - 26th, 2021

The Big Data School is organized by Department of Informatics, Faculty of Science and Mathematics.



Dean of Faculty

Prof. Dr. Widowati, S.Si., M.Si.



Head of Department

Dr. Retno Kusumaningrum, S.Si., M.Kom.