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(Hamdard University)

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HAMDARD NAGAR **NEW DELHI-110062**

Accredited by NAAC in 'A' Category

CERTIFICATE

On the basis of the declaration submitted by Miss. Nabeela Samar (Enrolment No 2020-501-043) a student of MCA (Master of Computer Applications), I hereby certify that the dissertation entitle "Customer Churn Exploratory Data Analysis" being submitted to the Department of Computer Science & Engineering, Jamia Hamdard, New Delhi in partial fulfillment of the requirement for the award of the degree of MCA (Master of Computer Applications) is carried out by her under my supervision.

> Dr. Sherin Zafar (Supervisor)

farreen Dr. Farheen Siddiqui Head, Department of CSE