A REPORT
ON

DATA ANALYSIS IN THE PHARMACEUTICAL INDUSTRY

Submitted by,

Ms. MANYA A J   - 20211CSE0571

Under the guidance of,

Dr. Joseph Michael Jerard V

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

At

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

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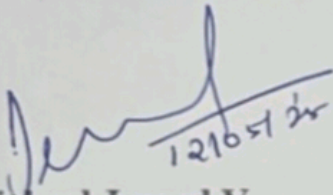
BENGALURU

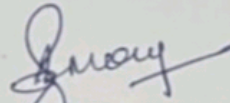**MAY 2025**

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CERTIFICATE

This is to certify that the Internship report "DATA ANALYSIS IN THE PHARMACEUTICAL INDUSTRY" being submitted by "Ms. Manya A J" bearing roll number "20211CSE0571" in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a Bonafide work carried out under my supervision.
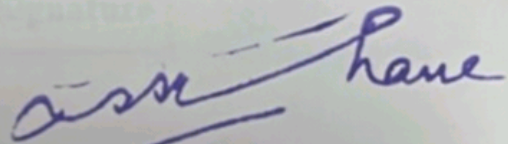
Dr. Joseph Michael Jerard V
Professor
PSCS
Presidency University

Dr. Asif Mohammed
HoD, CSE
PSCS
Presidency University

Dr. MYDHILI NAIR
Associate Dean
PSCS
Presidency University

Dr. SAMEERUDDIN KHAN
Pro-Vice Chancellor -
Engineering
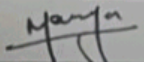Dean –PSCS / PSIS
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DECLARATION

I hereby declare that the work, which is being presented in the report entitled "DATA ANALYSIS IN THE PHARMACEUTICAL INDUSTRY" in partial fulfillment for the award of Degree of Bachelor of Technology in Computer Science and Engineering, is a record of my own investigations carried under the guidance of **Dr. Joseph Michael Jerard V**, Presidency School of Computer Science and Engineering, Presidency University, Bengaluru.

I have not submitted the matter presented in this report anywhere for the award of any other Degree.

Name	MANYA A J
Roll No	20211CSE0571
Signature	Manya

ABSTRACT

This internship report details the work carried out during my tenure at Datazymes, where I contributed to data analysis within the pharmaceutical sector. The primary objective of my role was to work with real-world healthcare datasets, analyze emerging trends, and design interactive dashboards using Power BI and Tableau. Throughout my internship, I was involved in the end-to-end process of data analysis, including ETL (Extract, Transform, Load) processing, data modeling, and generating actionable insights to support business decisions. I also worked on enhancing the accessibility and visual appeal of reports to ensure effective communication of findings to stakeholders. This experience allowed me to gain hands-on expertise in handling large-scale data, working with complex datasets, and navigating the various stages of reporting workflows. Furthermore, I was exposed to industry-specific challenges, such as understanding pharmaceutical terminology and ensuring data accuracy in the context of regulatory requirements. Ultimately, this internship offered valuable insights into the intricacies of the healthcare industry, data-driven decision-making, and the importance of clean, well-structured data for meaningful analysis.