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VISVESVARAYA TECHNONOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi -590018

MINI PROJECT REPORT ON

"BIKE PREFERENCE SURVEY"

Submitted by

SIMON LEO ALEXANDER

USN: 1AR23IS042

Submitted in the partial fulfillment of the requirements

for the fifth Semester Mini Project Course Code (BIS586)

BACHELOR OF ENGINEERING IN
INFORMATION SCIENCE AND ENGINEERING

UNDER THE GUIDANCE OF

DR. KUMAR B I D

Professor and HOD

Department of Information Science & Engineering

AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES, BIDADI

2025-26

BONAFIDE CERTIFICATE

This is to certify that the project report entitled, " **Bike Preference Survey**" is a Bonafide record of work of the following candidate who carried out the Mini Project work under my supervision during 2025-2026:

SIMON LEO ALEXANDER – USN: 1AR23IS042

Dissertation submitted in partial fulfilment of the requirements for the award of the Degree of

BACHELOR OF ENGINEERING

in

INFORMATION SCIENCE & ENGINEERING

of Amruta Institute of Engineering and Management Sciences, Bidadi, affiliated to Visvesvaraya Technological University, Belgaum during the fifth semester, academic year 2025-26.

It is certified that all the corrections / suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Mini Project work **(BIS586)** prescribed for said Degree.

Signature of the project Guide	**Signature of the HOD**	**Signature of the Principal**

…….. ……..

(Internal Examiner) (External Examiner)

Semester End Examination held on / /2025

DECLARATION

I Simon Leo Alexander – 1AR23IS042 student of Amruta Institute of Engineering and Management Sciences, hereby declare that, this project work entitled "**Bike Preference Survey"** is an original and Bonafide work carried out at Amruta Institute of Engineering and Management Sciences in partial fulfilment of Bachelor of Engineering in Information Science & Engineering affiliated to Visvesvaraya Technological University, Belgaum.

We also declare that, to the best of our knowledge and belief, the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion by any student.

Simon Leo Alexander – 1AR23IS042

ABSTRACT

This mini project focuses on addressing the problem of **excessive online health searching and its impact on mental health**, commonly known *as "*Dr. Google Syndrome."

The main objective of the project is to **analyze how stress, anxiety, and demographic factors influence internet health-search behavior and delayed medical treatment**.

To achieve this, we developed a data-driven analytical system/application using **Power BI, Excel, and Jupyter Notebook (Python)**.

The system provides features such as interactive dashboards, trend analysis, awareness measurement, and impact evaluation of online search habits on patient behavior. It works by **cleaning the dataset, modeling key variables, and generating visual insights to identify behavioral patterns**.

The project was tested with *a* **dataset of 10,000 survey responses**, and the results show that the system **accurately highlights correlations between online search frequency, self-diagnosis tendencies, and treatment delays**. High-stress and high-anxiety groups demonstrated significantly higher reliance on internet health information. This project demonstrates an effective and efficient solution for **understanding the behavioral risks associated with Dr. Google Syndrome** in the domain of **health informatics and digital behavior analytics**.

CONTENTS:

Plagiarism report