# VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



#### A PROJECT REPORT ON

## "WEB SCRAPPING FOR COMPETITIVE PRICING INTELLIGENCE"

Submitted in partial fulfillment for the award of Degree of

**BACHELOR OF ENGINEERING** 

IN

**COMPUTER SCIENCE & ENGINEERING** 

By

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2023-24

### ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225, KARNATAKA



#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING CERTIFICATE

This is to certify that the project entitled "WEB SCRAPPING FOR COMPETITIVE PRICING INTELLIGENCE" has been successfully completed by

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The Bonafede students of DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Freintening Degree Head of the Engineering Degree & Engineering Deg

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### ABSTRACT

Our innovative web scraping project harnesses the power of Playwright technology to extract real-time e-commerce data, with a primary focus on tracking product prices on Amazon and Flipkart. Emphasizing the universal applicability of web scraping across various industries, including travel healthcare, and real estate, our platform offers businesses invaluable insights for strategic decision-making. By seamlessly tackling challenges such as automatic captcha-solving, IP rotation, and ungated access, we empower users to effortlessly monitor price fluctuations and make informed business decisions in a dynamic marketplace.