TechStraver
We build intelligence

WELCOME TO
TECHSTRAVER
INTERNSHIP PROGRAM

www.techstraver.in

ABOUT US

TECHSTRAVER IS YOUR GATEWAY TO A PROMISING CAREER IN TECHNOLOGY. WE SPECIALIZE IN OFFERING DYNAMIC INTERNSHIP PROGRAMS AND UPSKILLING COURSES TAILORED TO EMPOWER STUDENTS IN THE EVER-EVOLVING TECH LANDSCAPE.

TECHSTRAVER IS NOT JUST A COMPANY; IT'S YOUR PARTNER IN SHAPING A FUTURE WHERE YOUR TECH ASPIRATIONS BECOME REALITY. JOIN US AND UNLOCK THE DOOR TO A THRIVING CAREER IN TECHNOLOGY!
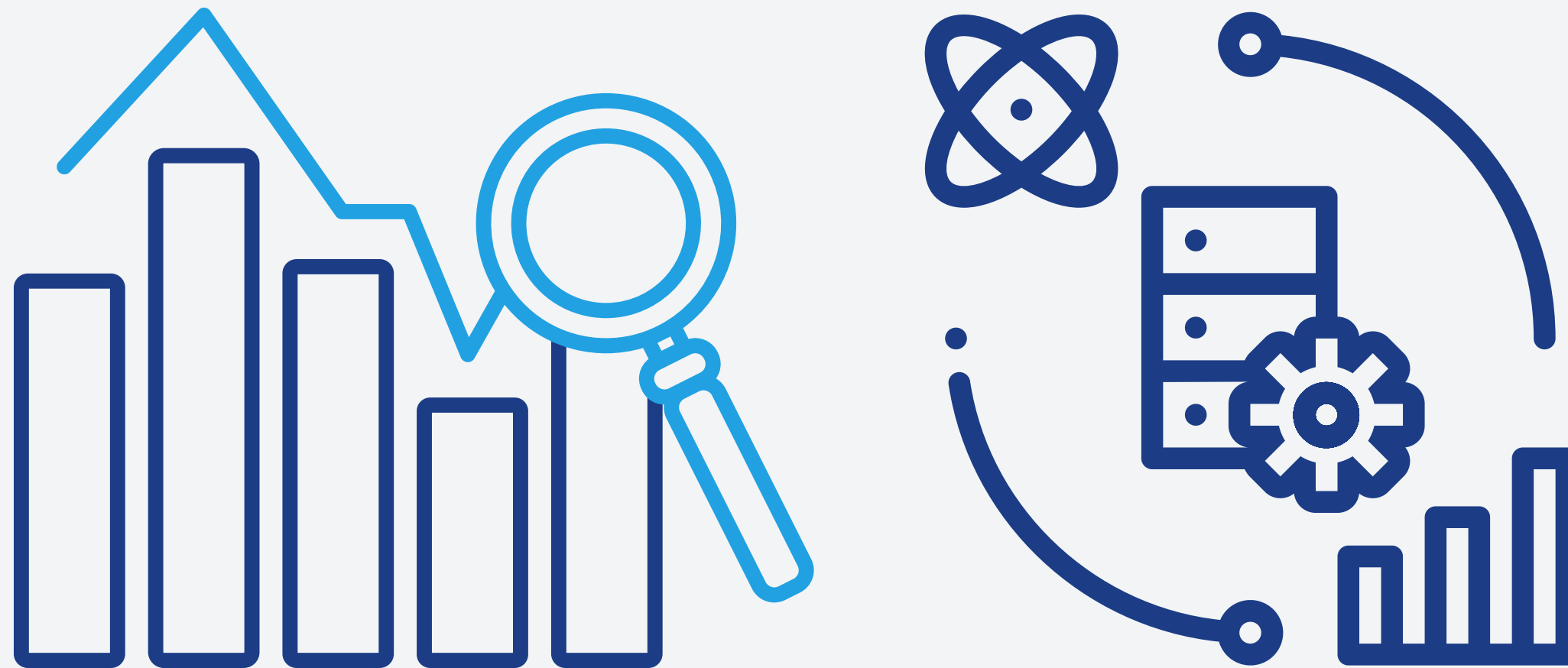
INSTRUCTIONS

- UPDATE YOUR LINKEDIN PROFILES.

- TO COMPLETE THIS INTERNSHIP PROGRAM, YOU WILL NEED TO COMPLETE AT LEAST 4 TASKS OF YOUR CONVENIENCE.

- MAINTAIN A SEPARATE GITHUB REPOSITORY(NAME TECHSTRAVER) FOR ALL THE TASKS AND SHARE THE LINK OF THE GITHUB REPO IN THE TASK SUBMISSION FORM(IT WILL BE GIVEN LATER THROUGH EMAIL.

- ATTAIN ELIGIBILITY FOR A LETTER OF RECOMMENDATION BY DILIGENTLY FULFILLING ALL ASSIGNED TASKS IN GIVEN PROJECTS.

SUBMISSION

- A TASK SUBMISSION FORM WILL BE SHARED LATER THROUGH EMAIL TILL THEN PLEASE CONTINUE YOUR TASK.UPDATE YOUR LINKEDIN PROFILES.

- A VIDEO NEEDS TO BE CREATED TO SHOWCASE YOUR WORK AND,A DEMO OF YOUR EFFORT THE VIDEOS SHOULD BE HOSTED ON LINKEDIN FOR PROOF OF YOUR WORK AND TO BUILD CREDIBILITY AMONG YOUR PEERS.YOU CAN TAG TECHSTRAVER IN SUCH POSTS.

- PLEASE ADD #TECHSTRAVER IN EACH OF YOUR TASKS VIDEO POST THINGS ON LINKEDIN, ADDITIONALLY, YOU CAN AL SO ADD HASHTAGS SUCH AS #INTERNSHIP#DOMAINNAME. FOR MORE REACH ANDVISIBILITY.

DATA SCIENCE

TASK 1

TASK 1: FOOD RECIPE GENERATOR

FOOD RECIPE GENERATOR IS AN APP THAT CREATES PERSONALIZED RECIPES BASED ON USER PREFERENCES AND AVAILABLE INGREDIENTS. IT SIMPLIFIES MEAL PLANNING, REDUCES FOOD WASTE, AND INSPIRES KITCHEN CREATIVITY BY PROVIDING CUSTOMIZED RECIPE SUGGESTIONS.

TASK 2

TASK 2 : MARKET BASKET ANALYSIS

A STRATEGIC DATA MINING TECHNIQUE USED BY RETAILERS TO ENHANCE SALES BY GAINING A DEEPER UNDERSTANDING OF CUSTOMER PURCHASING PATTERNS. THIS METHOD INVOLVES EXAMINING SUBSTANTIAL DATASETS, SUCH AS HISTORICAL PURCHASE RECORDS, TO UNVEIL INHERENT PRODUCT GROUPINGS AND IDENTIFY ITEMS THAT CUSTOMERS TEND TO BUY TOGETHER.

TASK 3

TASK 3 : HOUSE PRICE PREDICTION

MACHINE LEARNING PREDICTS HOUSE PRICES. IT ANALYZES PAST SALES DATA (LOCATION, SIZE, FEATURES, PRICES) TO ESTIMATE THE VALUE OF A NEW HOUSE. THIS HELPS BUYERS, SELLERS, AND REAL ESTATE AGENTS MAKE INFORMED DECISIONS.
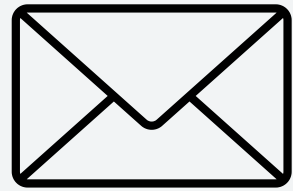
TASK 4

TASK 4 : TEXT SUMMARIZER

THIS PROJECT BUILDS A TEXT SUMMARIZER THAT CONDENSES LENGTHY DOCUMENTS INTO SHORTER VERSIONS CAPTURING THE KEY IDEAS. IT HELPS PEOPLE QUICKLY GRASP INFORMATION FROM ARTICLES, EMAILS, OR RESEARCH PAPERS, SAVING TIME AND IMPROVING KNOWLEDGE RETENTION.

TASK 5

TASK 5: CLIMATE CHANGE ANALYSIS

- TRENDS: ANALYZING DATA (TEMPERATURE, RAIN) TO SEE HOW EARTH'S CLIMATE IS SHIFTING.
- CAUSES: INVESTIGATING HUMAN ACTIVITIES (FOSSIL FUELS) THAT DRIVE THESE CHANGES.
- FUTURE: UTILIZING MODELS TO PREDICT POTENTIAL IMPACTS LIKE RISING TEMPERATURES AND EXTREME WEATHER.

CONTACT US

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THANK YOU