HINDUSTAN
INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

TECHBLAZE'26

EXPLORE THE EXTREME

DATA ANALYSIS

UNLOCK THE INSIGHTS

ANALYZE DATASETS, UNCOVER PATTERNS, AND EXTRACT MEANINGFUL INSIGHTS FROM DATA. APPLY STATISTICAL THINKING, DATA VISUALIZATION, AND ANALYTICAL SKILLS. TURN RAW DATA INTO SMART DECISIONS. DISCOVER THE STORY BEHIND DATA.

SAVE THE DATE
28th FEB

BAY RANGE - HITS CAMPUS

ROUND 1
STARTS AT
10.20 AM

ROUND 2 & 3
STARTS AT
2 PM

STUDENTS COORDINATOR

SURAJKUMAR
9342232955

Register Now

techblaze26.web.app

JOIN US FOR A COSMIC EXPERIENCE

DATA ANALYSIS

EVENT STRUCTURE :

- Team Members – 2

- Duration—2 hr 10 min

RULE AND REGULATIONS:

- No external datasets are allowed

- Tools Used: Excel, Tableau, Power BI, Python (Matplotlib/Seaborn , Pandas)

- Datasets will be given by the organization.

- Lab facilities will be provided by the institution

ROUND 1 - THE EVIDENCE HUNT

FORMAT:

- Activity Type: Interactive data games, rapid quizzes, and mini case discussions

- Duration: 30 minutes

- Mode : Interaction & Discussion

DESCRIPTION:

Every participants begins by gathering clues, and in this interactive round, participants work in teams to discuss, analyze, and interpret small data-based scenarios. They answer rapid-fire questions and decode mini data puzzles. Together, they collaborate to make quick and smart analytical decisions.

ROUND 2 - DATA VISUALIZATION

FORMAT:

- Task: Design visual representations (charts, dashboards, or storyboards)

- Tools Allowed: Excel, Tableau, Power BI, Python (Matplotlib/Seaborn), or any data tool

- Mode: Computer-based

- Duration: 40 minutes

DESCRIPTION:

Participants now move to their clue board—transforming raw data into meaningful visuals.
Participants will be given a dataset and must create clear, creative, and accurate visualizations that uncover hidden insights.

ROUND 3 - PREDICTION & PRESENTATION ROUND

FORMAT:

- Tools for presenting: Microsoft PowerPoint, Google Slides, Canva, and Tableau Story Mode.

- Tools for analysing: Python, R Language, Jupyter Notebook, Google Colab.

- Task: Perform analysis, create visualizations showing past vs. predicted data, and present findings

- Mode: Computer + Presentation

- Duration: 60 minutes (including presentation).

DESCRIPTION:

The final case is open—participants must present their findings and predict what's next. Using the dataset provided, participants analyze trends, visualize future outcomes, and present their conclusions to the judges like a real data investigation report.

THE JUDGES' AND EVENT COORDINATORS' DECISION WOULD BE THE FINAL