UTKARSH MISHRA

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EDUCATION

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	PERCENTAGE/CGPA
2024 - Present	M.Tech	Industrial & Management Engineering	Indian Institute of Technology, Kanpur	-
2018-22	B.Tech	Applied Petroleum Engineering	UPES, Dehradun	8.85
2017	Higher Secondary Education	CBSE	Sir Padampat Singhania Education Centre	81.4%
2015	Secondary Education	CBSE	Kendriya Vidyalaya Mati	9.4

SELF PROJECTS

Credit Card Fraud Prediction
- Performed Comprehensive Analysis on Dataset Comprising 284,807 Datapoints and 31 Features
- Utilized Library: **Pandas, Numpy, Matplotlib, Seaborn, Sklearn**
- Achieved a Maximum Accuracy Of **93%** on Test Data Using **Logistic Regression** Model

Boston House Price Prediction
- Conducted Exploratory Data Analysis on Dataset With 506 Datapoints and 15 Features
- Employed Libraries: **Pandas, Numpy, Matplotlib, Seaborn, Sklearn**
- Implemented a **Linear Regression** Model, Attaining a Maximum **R^2 Score Of 0.78**

WORK EXPERIENCE

- **Document & Engineering Data Quality Analyst – bp** (Dec'23 – July'24)
  - Oversee and Ensure the Document & Data Quality of Engineering Activities within the EPC Process
  - Delivery of Project Overview & Domain Specific Knowledge Sessions
  - Developed Customized Excel Tools and Macros Tailored to Project Requirements.
  - Active Participation in Development of Process Standardization & Optimization

- **Project Planner – Oceaneering International Services Ltd** (Oct'23 – Dec'23)
  - Learned basics of Project Costing, Scheduling & Planning
  - Trained on Project Management software like MS Project & Primavera P6

- **Engineer Integrity Management – Oceaneering International Services Ltd** (July'22 – Aug'23)
  - Developed a Comprehensive Asset Hierarchy for Offshore Vessel, Ensuring Efficient Management and Maintenance.
  - Conducted Criticality Analysis to Prioritize Systems and Components Based on Risk & Reliability.
  - Collaborated on Research Initiatives Aimed at Business Development.
  - Leveraged Methodologies such as Automation and Continuous Improvement.
  - Lead initiative of organizing Technical Workshops for IMDS team

COURSEWORK AND SKILLS

Relevant Courses (Ongoing)	Probability & Statistics	Operations Research for Management	Statistical Modelling for Business Analytics	Introduction to Computing
Online Courses	• Python Packages for Data Science • Intermediate SQL • Excel Skills for Data Analytics and Visualization Specialization • Supply Chain & Inventory Management Foundation • Foundation of Working Capital Management • Introduction to Financial Markets • Power BI Data Modelling with DAX
Technical Skills	**Python**	R	C++	**SQL**	VBA	**Microsoft Excel**	**Power BI**	**Microsoft PowerPoint**

ACHIEVEMENTS & EXTRA CURRICULAR

- Secured **AIR 8** in **GATE 2023** Examination in Petroleum Engineering conducted by IIT Kanpur.
- Selected for the **Prestigious Dean's List** & **Merit Student Scholarship** at School of Engineering, UPES for excellent academic performance.
- Runner Up of **Wipro Case Study Challenge** organized under the banner of International SPE UPES FEST 2022

POSITION OF RESPONSIBILITIES

- **Junior Placement Coordinator** – DoMS | IIT Kanpur *(Aug'24 - Present)*
  - Collaborating with a team of four to secure summer internships for the MTech IME cohort.
- **Secretary** - UPES AAPG Student Chapter | UPES *(Apr'21 – Apr'22)*
  - Managed a Dynamic Team of 60 Members & Successfully Orchestrated and Executed the Annual Tech Fest CRUST'22.
- **Events Coordinator** - UPES AAPG Student Chapter | UPES *(Apr'20 – Apr'21)*
  - Successfully Organized and Facilitated Over 50 Events, including Quizzes, Case Study, Webinars, and Social Drives.