INTERNSHIP REPORT

DEPARTMENT OF
COMPUTER ENGINEERING

PCET's Pimpri Chinchwad College of Engineering, Pune

Internship report of work in Uptoskills done by

Prerana Mhatre

During the period of 21st January 2025 – 15th June 2025 under the guidance of

Mr. Shailesh Galande

AN INTERNSHIP REPORT ON

"DATA ANALYTICS INTERN @UPTOSKILLS"

SUBMITTED TO THE PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, PUNE
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE COURSE INTERNSHIP

OF

BACHELOR OF ENGINEERING
(COMPUTER ENGINEERING)

SUBMITTED BY

PRERANA MHATRE

DEPARTMENT OF COMPUTER ENGINEERING

PCET'S PIMPRI CHINCHWAD COLLEGE OF ENGINEERING,

NIGDI, PUNE 411044

(Academic Year 2024-25)

CERTIFICATE

This is to certify that **Prerana Mhatre** has successfully completed his internship work on **Data Analytics Intern** at **Uptoskills Pvt. Ltd.** during the **21st Jan 2025 to 15th June 2025** in partial fulfilment for the award of the **Engineering Degree in Computer Engineering**.

Name of faculty mentor

Mr. Shailesh Galande

Head of the Department
Computer Engineering
Dr. Sonali Patil

Place: PCCOE PUNE

Date: 20/08/2025

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1. INTRODUCTION

1.1 About the Organisation:

UptoSkills is a leading education technology (ed-tech) company headquartered in New Delhi, India, founded in 2016. The organization serves as a tech-enabled platform that bridges the gap between students, colleges, and corporates by leveraging artificial intelligence, data analytics, and digital learning solutions.

Vision and Mission

UptoSkills aims to empower students with employability skills, assist colleges in building academic-industry collaborations, and help corporates find the right talent efficiently. The company's mission is to enhance the skill ecosystem in India by offering innovative training, career guidance, and AI-driven hiring solutions.

For Students

- Provides access to internships, jobs, and career opportunities.
- Offers AI-driven job matching for better placement outcomes.
- Conducts hackathons, national-level competitions, and skill assessments.
- Delivers online courses and certifications to upskill candidates.

For Colleges

- Partners with institutions through MOUs for training and branding.
- Offers faculty development programs and AI-based proctoring solutions.
- Conducts employability assessments to evaluate and improve student readiness.

For Corporates

- Helps in hiring interns and skilled employees.
- Offers AI-based candidate matching and NAPS apprenticeship programs.
- Provides Train-Hire-Deploy models for efficient recruitment.

- Supports employee upskilling through degree programs with UGC/AICTE-approved universities.

- Uses crowdsourcing to solve complex industrial challenges.

1.2 Internship Duration:

I completed my internship with Celebal Technologies from 21st Jan 2025 to 15th June2025 as a Data Analytics Intern.

1.3 Abstract and Scope of Work:

This report presents the details of my internship at UptoSkills, an education technology company headquartered in New Delhi. The internship focused on Data Mining and Analytics, where I worked with datasets collected from students, colleges, and corporates on the platform. My role involved data cleaning, preprocessing, analysis, and visualization to extract valuable insights regarding hiring trends, internship demand, and skill requirements.

Through this internship, I gained hands-on exposure to tools such as Python, Excel, and Power BI, while also developing strong analytical and professional skills. The experience helped me understand how data-driven decision-making improves employability, enhances academic–industry collaboration, and supports corporates in identifying the right talent. This report summarizes the organizational background, my scope of work, challenges faced, key learnings, and insights gained during the internship

My internship at UptoSkills was focused on Data Mining and Analytics. The main tasks included:

- **Data Collection & Cleaning** – worked with datasets from students, colleges, and companies; handled missing values, duplicates, and inconsistencies.

- **Data Mining** – extracted patterns, structured raw data, and standardized skills (e.g., grouping *Machine Learning, ML, AI/ML*).

- **Data Analysis & Visualization** – identified hiring trends, internship demand, and skill gaps using Python and Power BI dashboards.

- **Insights & Reporting** – generated insights to improve AI-driven job matching and created reports on in-demand skills.

- **Professional Development** – enhanced teamwork, communication, problem-solving, and time management skills.

2. INTERNSHIP DISCUSSION

2.1 Problem / Project / Opportunity:

- The key problem addressed during my internship at UptoSkills was the challenge of managing and utilizing large volumes of student, college, and corporate data effectively. The datasets were often unstructured, inconsistent, and contained missing values, making it difficult to derive meaningful insights for decision-making.

- The project focused on applying Data Mining and Analytics techniques to clean, process, and analyze this data. By identifying hiring trends, internship demand, and skill requirements, the analysis aimed to improve the platform's AI-driven job matching system and support colleges and corporates with more reliable insights.

- This presented an opportunity to contribute towards bridging the gap between academia and industry, helping students become more employable, enabling colleges to enhance their training programs, and assisting companies in finding the right talent efficiently.

2.2 Learning Experience:

- **Knowledge Acquired**
  - **Problem** – Large, unstructured datasets from students, colleges, and companies with duplicates, missing values, and inconsistent formats.
  - **Project** – Applied **Data Mining and Analytics** to clean, organize, and analyze the data using Python and Power BI.
  - **Insights** – Found hiring trends, internship demand, and skill gaps to support better AI-driven job matching.
  - **Opportunity** – Helped bridge the gap between academia and industry by improving employability for students and recruitment efficiency for companies.
- **Projects/Assignments Completed**
  1. Data Cleaning & Preprocessing
  2. Skill Standardization Project
  3. Hiring Trends Analysis
  4. Internship Demand vs. Applications Study
  5. Power BI Dashboard Development
  6. Insight Reporting

2.3 Skills Learned

- **Technical Skills:**
  - **SQL & Microsoft SQL Server** – writing queries and managing structured data.
  - **Python Programming** – data cleaning, preprocessing, and visualization using libraries like Pandas, NumPy, and Matplotlib.

- **Power BI** – creating dashboards and visual reports for hiring trends, internship demand, and skill analysis.
- **Data Mining & Preprocessing** – handling missing values, duplicates, and unstructured data.
- **Data Visualization** – presenting insights through charts, graphs, and interactive dashboards.
- **Excel** – quick data cleaning, pivot tables, and generating basic reports.

- **Soft Skills:**
  - **Analytical Thinking** – identifying hiring trends, internship demand, and skill gaps.
  - **Time Management** – completing tasks within deadlines while handling large datasets.
  - **Teamwork & Collaboration** – working with mentors and peers on projects.
  - **Communication Skills** – presenting insights clearly through reports and dashboards.
  - **Problem-Solving** – finding ways to standardize unstructured data and extract meaningful insights.

- **Observed Attitudes and Gained Values**
  - I learned the importance of consistency and discipline while handling large datasets.
  - I developed a problem-solving attitude and became more adaptable to new tools and methods.
  - I understood the value of teamwork and collaboration by working with mentors and peers.
  - I gained professionalism and time management skills through reporting, documentation, and meeting deadlines.

- **The Most Challenging Task Performed**

  One of the toughest tasks was handling large and unstructured datasets. The data had many missing values, duplicates, and different formats, which made cleaning very time-consuming.

  Another challenge was standardizing skills. For example, the same skill appeared as *Machine* Learning, ML, or AI/ML, and I had to merge them into one category for proper analysis.

  Creating dashboards and reports was also difficult, because they had to be simple enough for non-technical users yet detailed for technical teams.

  These challenges were difficult, but they helped me improve my data cleaning, analysis, and visualization skills as well as my patience and problem-solving ability.

- **Outcome:**

- Successfully cleaned and processed large datasets from students, colleges, and companies, making them analysis-ready.
- Generated insights on hiring trends, internship demand, and skill gaps, which can support the platform's AI-driven job matching.
- Built interactive dashboards in Power BI for easy visualization and reporting of data patterns.
- Improved technical skills in SQL, Python, Excel, and Power BI, along with soft skills like teamwork, time management, and communication.
- Contributed to enhancing UptoSkills' ability to bridge the gap between academia and industry by using data-driven solutions.

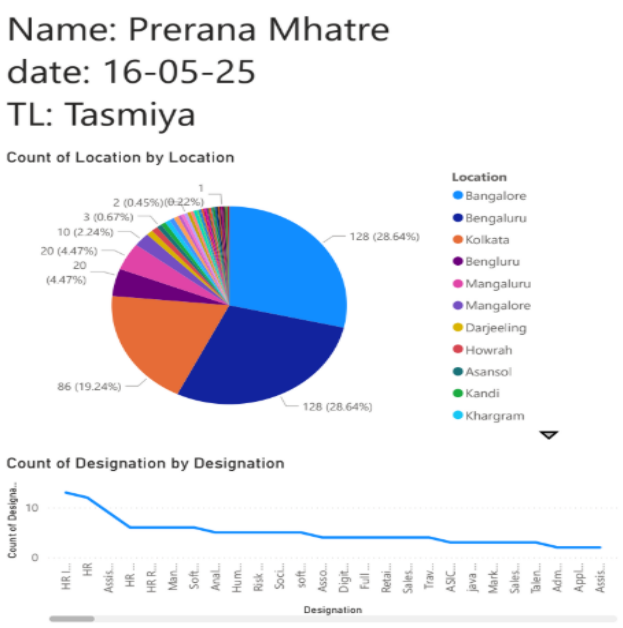
CONCLUSION

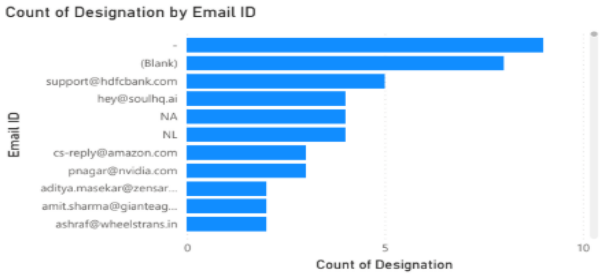
- Successfully applied data mining and analysis techniques on large college and corporate datasets.
- Gained practical knowledge of data visualization, trend analysis, and AI-driven job matching systems.
- Improved technical, analytical, and problem-solving skills through challenging real-world tasks.
- The internship provided industry exposure, teamwork experience, and professional development.
- Overall, this internship strengthened my confidence to pursue a career in data analytics and AI-driven solutions

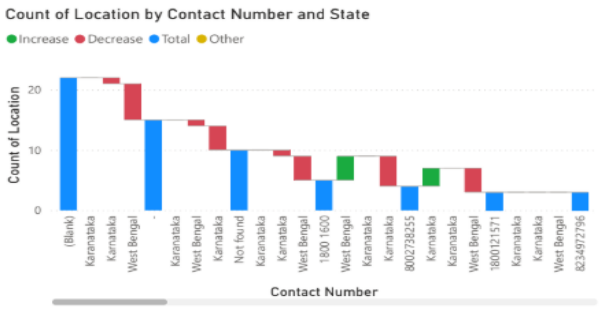
BIBLIOGRAPHY

- UptoSkills Official Website – uptoskills.com
- Internship Project Documents – UptoSkills Internal Data
- Kaggle – Data Analysis & Visualization Resources
- Towards Data Science – Data Analytics Articles
- Analytics Vidhya – Data Mining & Business Analytics Guides
- Industry Reports – Hiring Trends & Employability Assessments

Screenshots:







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Date: 29-05-25
TL: Tasmiya

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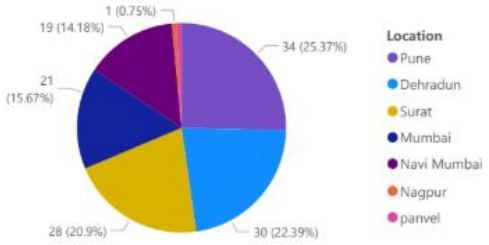

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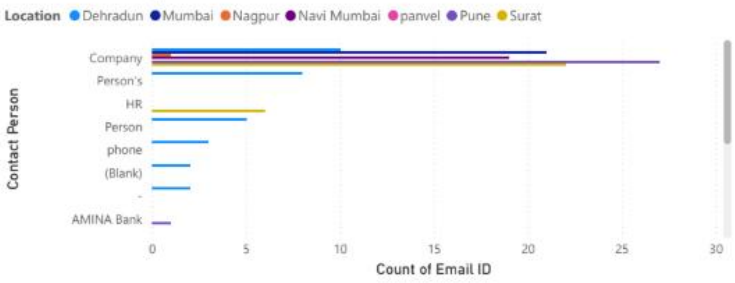

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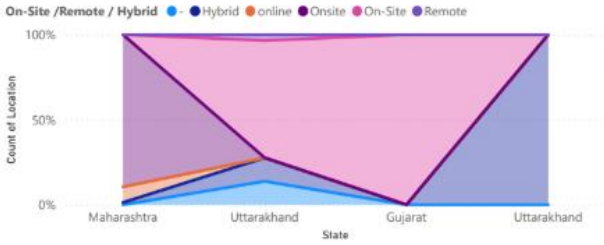
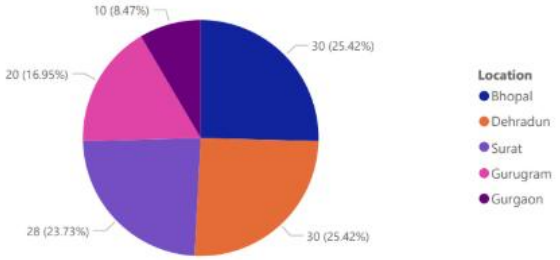
Count of Location by State and On-Site /Remote / Hybrid



First Location and First Location by Contact Number and Contact Number

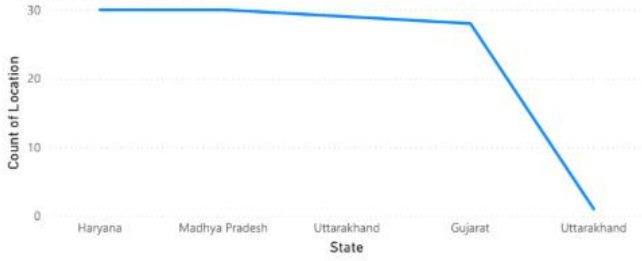
Name: Prerana Mhatre
Date:- 04-06-2025
TL: Tasmiya

Count of State by Location



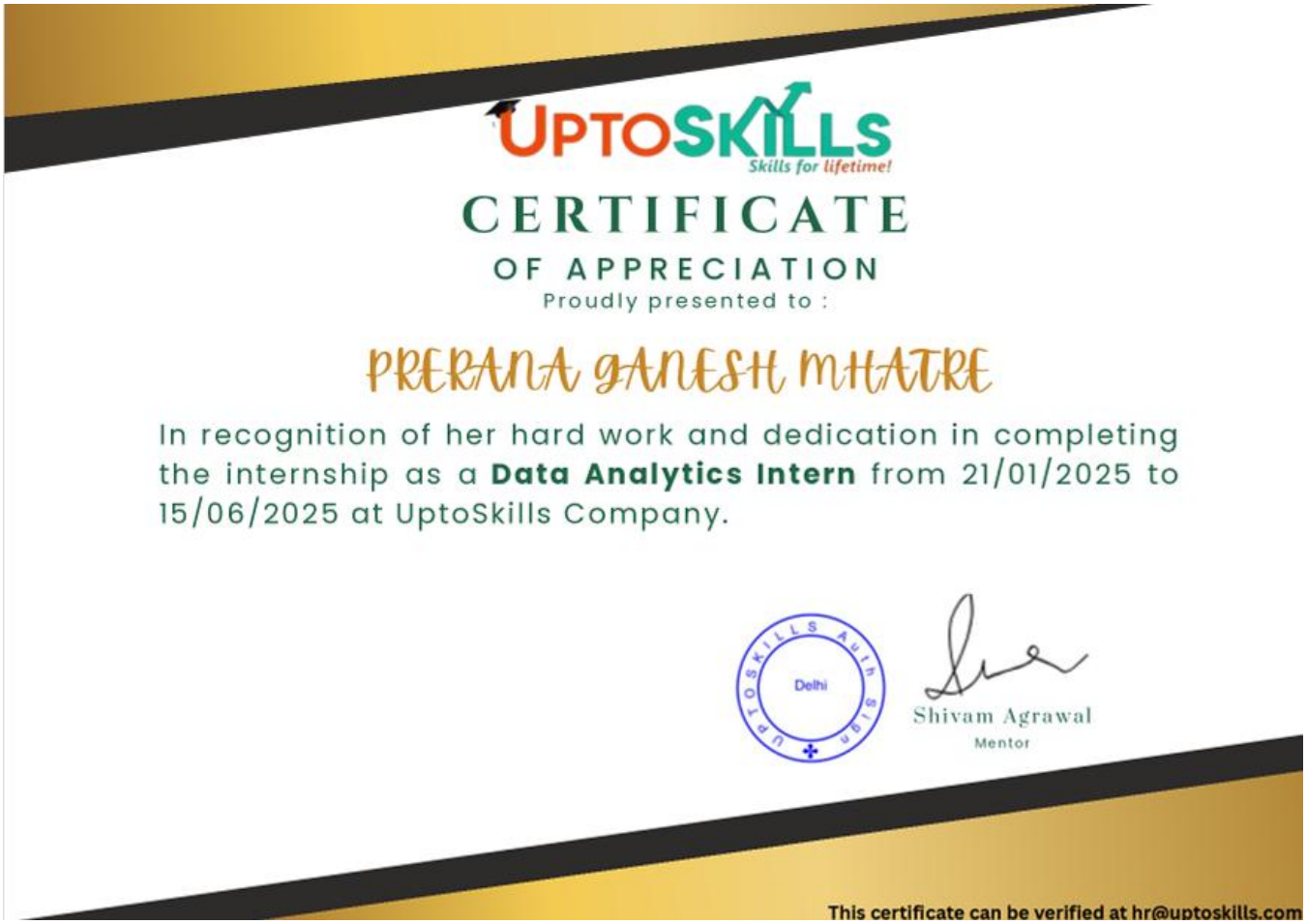
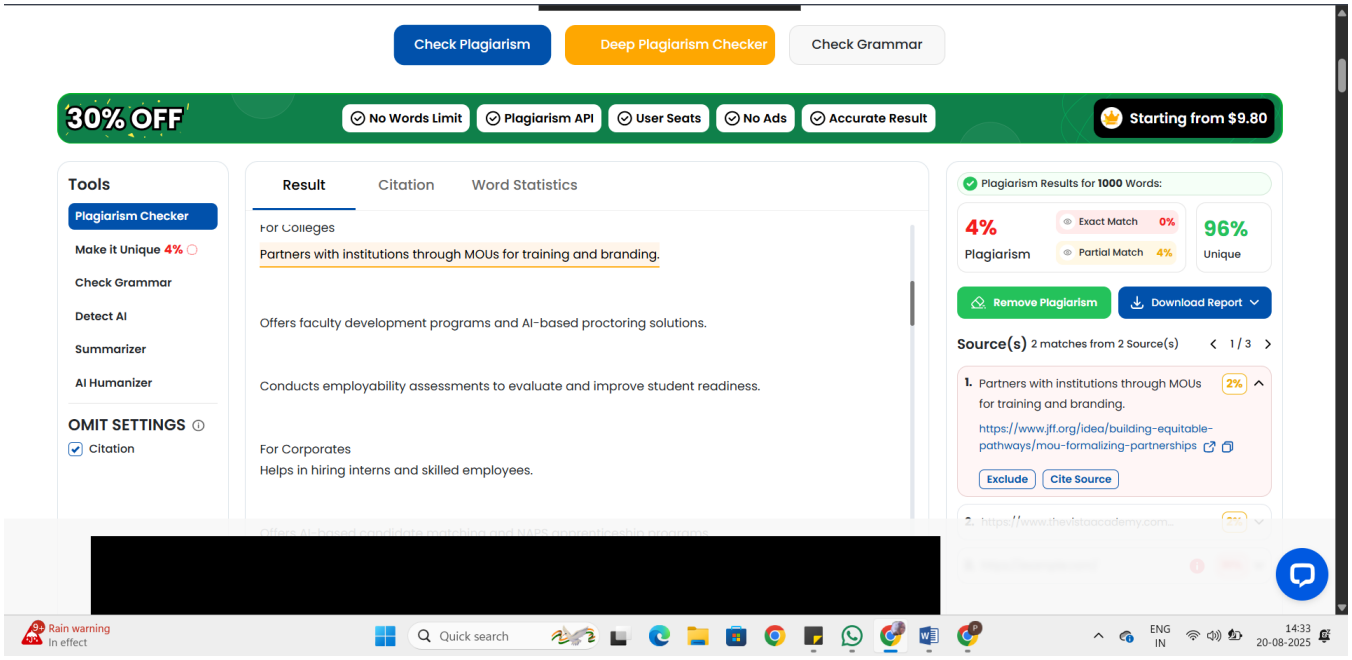
First Designation by Location and Location

Count of Location by State



Count of Contact Person by Company Name and State

INTERNSHIP COMPLETION CERTIFICATE



PLAGIARISM REPORT