**INTERNSHIP REPORT**

**Introduction**

The internship at Null Class EdTech provided an excellent opportunity to gain practical experience in data analytics . This report outlines the learning journey, key responsibilities, skills acquired, challenges faced, and the overall impact of the internship.

## ****Background****

I am a Bachelor of Science Graduate from National PG College. I had completed my graduation in Mathematics and Computer Science in 2024. After my Graduation I enrolled myself in a Data Science Bootcamp from UpGrad where I learnt Python,SQL , Tableau,Excel,Machine Learning and other tools and technologies required for data science.

## ****Learning Objectives****

The primary objectives of this internship included:

* Understanding data collection, cleaning, and preprocessing techniques.
* Performing exploratory data analysis (EDA) to identify trends and insights.
* Applying data visualization techniques using Plotly and HTML.
* Utilizing Python libraries for data extraction and manipulation.
* Generating reports and dashboards to support decision-making.

## ****Activities and Tasks****

During the internship, various tasks and activities were undertaken, including:

* Cleaning The Google Play Store Dataset .
* Performing EDA to identify key insights.
* Creating interactive dashboards using HTML for real-time data visualization.
* Using Python to extract relevant data.
* Presenting findings and recommendations .

## ****Skills****

The internship provided valuable opportunities to enhance technical and soft skills:

* **Technical Skills**: Data analysis, HTML, Python (Pandas,Numpy,Plotly), data preprocessing, and Data Visualisation.
* **Soft Skills**: Problem-solving, critical thinking, time management, and communication.

## ****Feedback and Evidence****

* Regular Doubt sessions were conducted by the mentors to clear all the doubts of the students.
* Successful completion of a capstone project demonstrating applied knowledge in data analytics.

## ****Challenges and Solutions****

* **Challenge**: Handling large datasets and ensuring data accuracy.  
  **Solution**: Implemented efficient data preprocessing techniques using Python to manage large datasets.
* **Challenge**: Completing the tasks assigned with accuracy.  
  **Solution**: Implemented the learnings from the training session to complete the tasks effectively.

## Outcomes and Impact

* Developed an in-depth understanding of data analytics and its application.
* Created meaningful dashboards that improved decision-making processes.
* Solved Complex Tasks to provide a deep understanding of the technologies.
* Enhanced problem-solving abilities and technical expertise.

## ****Conclusion****

The internship at Null Class EdTech was an enriching experience, providing hands-on exposure to data analytics and its impact in the EdTech industry. The practical knowledge gained, coupled with mentorship and project-based learning, significantly enhanced both technical and analytical skills. This experience has laid a strong foundation for future career prospects in data analytics.