UPSKILLS DATA SCIENCE AND MACHINE

LEARNING INTERNSHIP

Team member :-

Harshwardhansinh Chauhan

Pranav Khot

Pathan MoinKhan

SIGMA INSTITUTE OF ENGINEERING.

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I want to give you an update on how my first week at Upskills UCT went.

Internship in data science and machine learning. The major elements of are highlighted in the following points: my pursuits and encounters:-

<u>Orientation and training.</u>

The Upskills UCT Machine Learning and Data Science program's first week,

I took part in many training sessions and orientation programs during my internship. These sessions exposed me to the team and gave me insightful information on how the business operates. members, and introduced me to the equipment and technology used in data and machine learning undertakings relating to science.

Project Assignments:

In the first week, I was given two projects. The first task entails choosing the a PS (Project system) that is suitable for our future work and for evaluating a large dataset to find trends andtrends generated by machine learning techniques. The aim of the second project is the training session of huge data with artificial intelligence. I have begun compiling the required information and performing preliminary exploratory data analysis to better comprehend the needs of the projects.

<u>Development of Skills:</u>

I had the chance to improve my talents during the week in a variety of areas. I increased my

knowledge of commonly used programming languages like Python and its libraries

utilized in data science and machine learning. In addition, I improved my ability to use libraries.

and frameworks for implementing machine learning algorithms, such as TensorFlow and Scikit-

Learn.

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Communication and Cooperation

I effectively participated in group joint effort and correspondence exercises. I partook in day to day video web based where we examined principal learnings and tended to any difficulties. We got direction and mentorship, which altogether added to my opportunity for growth.

Difficulties and Learning

While chipping away at the tasks, I experienced difficulties connected with Issue Explanation Choice. All PS are so learnable , elaborative and exploratory that it truly requires a ton of investment pondering the ideal PS for my temporary job during this time of time.However, through research and using on the web assets, I had the option to conclude my PS among these PS. The PS I chosen is this:

Smart City : Forecasting of Smart city traffic patterns

Objectives for the Next Week

Looking forward to the following seven day stretch of the entry level position, I will likely finish the information preprocessing stage for the brilliant city traffic design task and start preparing and assessing different AI models. Also, I mean to additionally grow my insight into high level methods in information examination and investigate ideas like profound learning and normal language handling.

All in all, my most memorable week at the Upskills UCT AI and Information Science Temporary position was loaded up with important preparation, drawing in project tasks, and open doors for ability advancement. I'm eager to proceed with my excursion and add to the progress of the temporary job program before very long.