Weekly progress report

UPSKILL CAMPUS WEEKLY REPORT

BASED ON INTERNSHIP IN DATA SCIENCE AND MACHINE LEARNING REPORT

* In this weekly progress report I am sharing about what are the things I have learnt so far based on data science and machine learning from the given videos

INDUSTRIAL INTERNSHIP PROGRAM

* In this industrial internship program was explained by **“Kaushlendra Singh Sisodia”**  . He has explained about the internship, and the important role of the internship in a students life.
* This is uniconverge technology pvt.Ltd.company is conducting this internship based on their skills.

WEEKLY PROGRESS : WEEK – 2

* In this week I have learnt about the data science and how it is categorized
* I have learnt what is big data and how it is structured and unstructured in the data packets this are is used to build the messages, text,conversations,sensors,images,videos etc.
* This data is used in many applications which are used in our daily lifes which are easy to use and get the information.
* This big data has several or million active users uses this application in their daily lifes and data is saved and secured.
* Machine learning is a core transformative way by which we are rethinking everything we are doing.
* Machine learning is a type of artificial intelligence that provides computers with the ability to learn without being explicitly programmed, which can be labelled data.
* Machine learning is simple way to think about supervised learning.
* It can recognize the human faces and it can tag the photos accordingly, they can approve the loans based on the correct and deatiled information, we can add the ads or advertisement to the users when they are online.
* In 1950 , Arthur Samuel defined machine learning as “A field of study that gives computers the ability to learn without being explicitly programmed”.
* And Tom M.Mitchell provided a slightly more formal definition “A computer program is said to learn from experience E with respect to some class of tasks T and performance measure P, if its performance at tasks in T, as measured by P, improves with experience E.”
* In this machine learning there are fixed rules/ programs which is based on input data.
* Machine learning is also categorized into two types as
* Supervised.
* Unsupervised.
* Again they are sub divided into several categories.
* With these machine learning we can solve business problem, and we can collect the data which can be used to build the model building.
* To understand the data, explorate the data, splitt train the data, created data can be evaluated and deploy the model.
* I have completed the projects based on machine learning.

Thanking you