greatlearning
Learning for Life

Week 4: (Total video duration= 1.7 hours. You will be required to spend 40 minutes/day along with practicing datasets and Quiz.)

Learning Outcomes from the Module:

After learning from this module, learners will be able to understand:

▶ Artificial Neural Network

▶ Artificial Neural Network- Hands-On

▶ Application of different models on a dataset and evaluate its performance

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Mentor Session Duration: 1.7 hours		Faculty Name: Mr. Gurumoorthy		No. of videos: 03
Video No.	Video Name	Duration of the video	Topics Covered	Conceptual or Hands On
1	Artificial Neural Network	38:33	• Similar to biological neural network, ANN has the ability to learn, generalize and adapt. It is made of 3 layers-Input, Hidden and Output layer	Conceptual
2	Artificial Neural Network_Hands-on	22:07	• Building a Neural Network model for a Bank dataset to help predict whether the customer will take personal loan during their marketing campaign	Hands-On
3	End to End Case Study	43:25	• Hands-on tutorial on Data Mining: Predicting the attrition in a company by building multiple models and evaluating their performance	Hands-On