
Data Science
& Business
Analytics
Tasks

Prediction using Supervised ML

(Level - Beginner)

- Predict the percentage of an student based on the no. of study hours.
- This is a simple linear regression task as it involves just 2 variables.
- You can use R, Python, SAS Enterprise Miner or any other tool
- Data can be found at http://bit.ly/w-data
- What will be predicted score if a student studies for 9.25 hrs/ day?
- Sample Solution : https://bit.ly/2HxiGGJ
- Task submission:
  1. Host the code on GitHub Repository (public). Record the code and output in a video. Post the video on YouTube
  2. Share links of code (GitHub) and video (YouTube) as a post on **YOUR LinkedIn profile**, not TSF Network.
  3. Submit the LinkedIn link in Task Submission Form when shared.

Prediction using Decision Tree Algorithm

(Level – Intermediate)

- Create the Decision Tree classifier and visualize it graphically.
- The purpose is if we feed any new data to this classifier, it would be able to predict the right class accordingly.
- Dataset : https://bit.ly/3kXTdox
- Sample Solution : https://bit.ly/2G6sYx9
- Task submission:
  1. Host the code on GitHub Repository (public). Record the code and output in a video. Post the video on YouTube
  2. Share links of code (GitHub) and video (YouTube) as a post on YOUR LinkedIn profile
  3. Submit the LinkedIn link in Task Submission Form when shared.
  4. Please read FAQs on how to submit the tasks.