

#TheWireUsChallenge

Machine Learning

Rewiring Your Tangled Circuits

Day 07 By Avik Jain



Neighbors in real life have no job but to poke their noses into our lives and remember every instance of our activities. Relatable? Congratulations, you just learnt the essence of **K Nearest Neighbours**. This model is unique, it does not learn rather it memorizes the training set. Today, you will be learning how KNN makes predictions for classification problems.

All the best!



Today will be a theoretical challenge, to complete this challenge, you have to browse the internet and write one paragraph each on the undermentioned topics. You can use figures/graphs if necessary.

1. What is KNN?
2. How does KNN algorithm work?
3. How are predictions made using KNN?
4. How is the distance calculated?
5. How is the value of k discovered?



To submit your solution follow the undermentioned steps:

1. Post the **link to your solution** on your twitter handle.
2. **Tags:** @_AvikJain_ @poojagera0_0 @gauravkhanna0_0 @wireus2020
3. **Hashtags:** #TheWireUsChallenge #100DaysOfML #PoojaGera #GauravKhanna #BeerTechIndia



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