

Water Quality Prediction

Hello Fellow Interns,

*For this Week, you're being requested to go through the Dataset Namely "**Water Quality**". This dataset is originally from www.kaggle.com. This data has various columns that represent various contents in water and their amount.*

Dataset: <https://www.kaggle.com/adityakadiwal/water-potability>

Your Tasks:

- *Perform basic pipelining tasks such as cleaning and formatting*
- *Split data into test and train*
- *use supervised learning to predict whether the water is safe for human consumption*
- *Test your model with the test data*
- *Measure Performance and Validation*

Tools & Libraries You may need:

- *Python*
- *Matplotlib, pandas, Scikit-Learn*
- *Jupyter Notebook*
- *Download the data from the link given above.*
- *Now, you can start of your work by opening a Jupiter notebook in Google Colab: <https://colab.research.google.com/notebooks/intro.ipynb> Or Anaconda if you already have it pre installed on you PC.*
- *Upload and load the data on to the notebook and you're good to go.*

Due Date: *Friday, 9th of July 2021, 8:00 PM*

For any doubts contact the following mentors:

- *Pranshu Sharma +91 9459197900*
- *Adarsh Raghav +91 8527366600*

After you're done with your work show it to us and then post it on LinkedIn by Tagging all mentors and Cureya Team, Shivani Mishra.