8	here
86	stuff
2008	now

Table 1: Table Name

1. Students
    - Stanley
    - Patricia
    - Olive
2. Tutors
    - Phil
    - Hove

1 Course work

As the world is keen on reducing the constant threat posed by climate change, accurate short-term forecasts will aid.

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1.1 Recap

As the world is keen on reducing the constant threat posed by climate change, accurate short-term forecasts will aid.

1.2 Turbulence Intensity

Turbulence in wind is associated to many factors such as, temperature, pressure, atmospheric stability, e.t.c. Several methods have been developed to assess turbulence, the stochastic method uses the standard deviation of the vertical mean wind speed over 100m. Mathematically, it is represented as:

$$\tau = \frac{\sigma_u}{\bar{u}} \tag{1}$$

Where τ is the turbulence intensity, $\bar{u}$ is the mean wind speed and σ_u is the standard deviation of the variation in wind speed.

$$R^2 = 1 - \frac{\sum_{i=1}^{N}(y_i - x_i)^2}{\sum_{i=1}^{N}(y_i - \bar{y_i})^2} \tag{2}$$

Is the standard deviation of the errors in our estimate. RMSE is a measure of the spreead of the error terms. It gives us an insight into the closeness of our estimates to the exact values.

$$RMSE = \sqrt{\frac{1}{N}\sum_{i=1}^{N}(y_i - x_i)^2} \tag{3}$$