

# Wind Turbine Power Prediction Problem Project Report AI IN INDUSTRIES 4.0

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Please use the following link to see the resources output files and codes - [https://github.com/MIHIR-RANJAN/Wind\\_Turbine\\_Power\\_Prediction\\_Problem\\_SE20UARI020\\_SE20UARI095\\_SE20UARI112.git](https://github.com/MIHIR-RANJAN/Wind_Turbine_Power_Prediction_Problem_SE20UARI020_SE20UARI095_SE20UARI112.git)

## Testing

Below is the result we got from testing the test dataset 20% of our main dataset i.e. dataset.csv

Test Mean Absolute Error: 258.6874694824219

18/18 [=====] - 0s 3ms/step

	Actual	Predicted	RMSE
532	117.829873	1.600453e+05	6.139042e+06
2801	3463.218018	1.166583e+07	6.139042e+06
2016	0.000000	2.324617e+05	6.139042e+06
858	2523.486358	8.554189e+06	6.139042e+06
941	2709.325716	9.000079e+06	6.139042e+06
...	...	...	...
307	78.451192	4.881173e+05	6.139042e+06
965	3370.074951	1.108653e+07	6.139042e+06
999	321.701987	1.271122e+06	6.139042e+06
1960	0.000000	4.979617e+05	6.139042e+06
240	2800.435658	8.937020e+06	6.139042e+06