

MACHINE LEARNING PROJECT

REGRESSION

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LINKS:

1) REPORT:  Report

2) CODES:

- (i)DECISION TREE REGRESSOR: MLprojectDTR - Colaboratory.pdf
- (ii)LASSO REGRESSION: MLprojectLasso - Colaboratory.pdf
- (iii)MULTIPLE LINEAR REGRESSION: MLprojectLR.py - Colaboratory.pdf
- (iv)RANDOM FOREST REGRESSOR: MLprojectRFR - Colaboratory.pdf
- (v)RIDGE REGRESSION: MLprojectRidge - Colaboratory.pdf
- (vi)SUPPORT VECTOR REGRESSION: MLprojectSVR - Colaboratory.pdf

3) DATA SET: [AirQualityUCI.csv](#)

4) REFERENCES:

1. **For Dataset:** Vito, Saverio. (2016). Air Quality. UCI Machine Learning Repository. <https://doi.org/10.24432/C59K5F>.

2. **For Models:** year={2011}

}

@article{scikit-learn,

title={Scikit-learn: Machine Learning in {P}ython},

author={Pedregosa, F. and Varoquaux, G. and Gramfort, A. and Michel, V.

and Thirion, B. and Grisel, O. and Blondel, M. and Prettenhofer, P.

and Weiss, R. and Dubourg, V. and Vanderplas, J. and Passos, A. and

Cournapeau, D. and Brucher, M. and Perrot, M. and Duchesnay, E.},

journal={Journal of Machine Learning Research},

volume={12},

pages={2825--2830},

3. **For information:** Wikipedia

GOOGLE WEBSITE LINK:

<https://sites.google.com/ipu.ac.in/personal-portfolio/home?authuser=2>