



COMPOSIT 2017



EXCAVATE

Objectives:

1. Tackle the missing data with your algorithm –

There's some data missing in the given dataset. You need to take care of it in your model. The model will be evaluated on the basis of this too.

2. Make an efficient predictive model which can predict the type of glass in terms of F1 score.
3. Find out the importance of the variables towards the prediction of response variable "I.D. of glass."

Dataset Description:

1. Number of Instances: 200 (train set) + test set (This won't be disclosed.)
2. Number of Attributes: 10 (including an S.No.) + the class attribute.

Attribute Information:

1. S.No. : 1 to 200
2. RI: refractive index
3. Na: Sodium (unit measurement: weight percent in corresponding oxide, as are attributes 4-10)
4. Mg: Magnesium
5. Al: Aluminum
6. Si: Silicon
7. K: Potassium
8. Ca: Calcium
9. Ba: Barium
10. Fe: Iron
11. I.D. of glass: (class attribute)
 - building_windows_float_processed
 - building_windows_non_float_processed
 - vehicle_windows_float_processed
 - vehicle_windows_non_float_processed (none in this database)
 - containers
 - tableware
 - headlamps



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The deadline for submissions is **25th February 2017**.

E-mail your submissions at – [**submissions@composit.in**](mailto:submissions@composit.in)

Visit [**http://composit.in/events.html**](http://composit.in/events.html) for more rules and guidelines.

Visit [**http://composit.in/register.html**](http://composit.in/register.html) to register for **COMPOSIT 2k17**.

For any queries –

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