Introduction

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Here is quick overlook of our dataset :

| Dataset | No. observations |  | Name of the DS |
| --- | --- | --- | --- |
| Initial dataset | 277’536 | Combined all SwissGris’s files from 2015 | General\_df |
| Monthly data | 277’536 | Monthly version of General\_DF | General\_dfM |
| Cantons’Data | 4’995’648 | Combined Data for Cantons from 2015 | Canton\_df\_long |
| Swiss map’s data | 123,156 | Contain data to map Switzerland | gadmCHE1 |

Here is quick overlook of our dataset :

| .model | Mean Error | RMSE | MAE |
| --- | --- | --- | --- |
| arima | 12.735796937830064 | 122 | 88.0 |
| ets | 0.5523432780314904 | 128 | 97.2 |
| tslm | 0.0000000000000433 | Combined Data for Cantons from 2015 | 96.7 |