

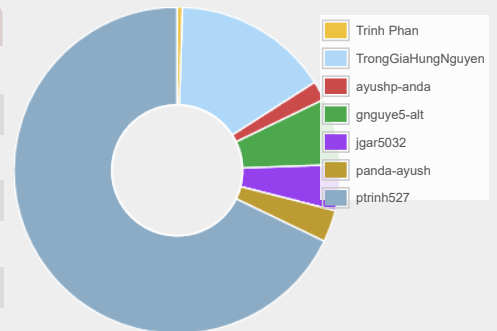


Statistical information for the repository 'group-project-data-minding' was gathered on 2025/05/14.
The output has been generated by [gitinspector](#) 0.5.0dev. The statistical analysis tool for git repositories.

The following historical commit information, by author, was found.

Author v	Commits	Insertions	Deletions	% of changes
ayushp-anda	3	170	0	1.90
gnguye5-alt	3	539	52	6.60
jgar5032	4	407	0	4.54
panda-ayush	2	274	10	3.17
ptrinh527	13	3764	2312	67.85
Trinh Phan	4	39	8	0.52
TrongGiaHungNguyen	4	1368	12	15.41

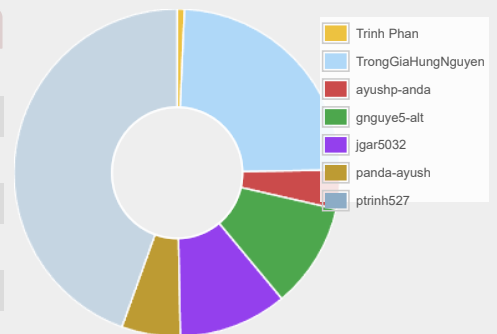
Hide minor authors (1) ^



Below are the number of rows from each author that have survived and are still intact in the current revision.

Author v	Rows	Stability	Age	% in comments
ayushp-anda	169	99.4	0.0	3.55
gnguye5-alt	456	84.6	0.7	0.00
jgar5032	472	116.0	2.5	3.60
panda-ayush	255	93.1	4.7	3.14
ptrinh527	1954	51.9	2.5	3.68
Trinh Phan	31	79.5	4.7	0.00
TrongGiaHungNguyen	1054	77.0	0.5	4.65

Hide minor authors (1) ^



The following history timeline has been gathered from the repository.

Hide rows with minor work (1) ^

Author	2025W14	2025W18	2025W19
Trinh Phan	.		
TrongGiaHungNguyen	.		.
ayushp-anda			.
gnguye5-alt	.		.
jgar5032	.		.
panda-ayush	.		
ptrinh527	.	.	.
Modified Rows:	5157	711	3087

The following files are suspiciously big (in order of severity).

functions.py (558 estimated lines of code)

The following files have an elevated cyclomatic complexity (in order of severity)

functions.py (75 in cyclomatic complexity)

The following responsibilities, by author, were found in the current revision of the repository (comments are excluded from the line count, if possible).

Hide minor authors (1) ^

Trinh Phan is mostly responsible for

README.MD (31 eloc)

TrongGiaHungNguyen is mostly responsible for

Data_Cleaning.ipynb (740 eloc)

Progress_Report.ipynb (95 eloc)

Data/mergelL_meteo.py (34 eloc)

Data/mergelL_pollutants.py (31 eloc)

functions.py (30 eloc)

Data/test.py (26 eloc)

Data/mergeALL.py (24 eloc)

Data/extractIL.py (15 eloc)

Data/filterRows.py (10 eloc)

ayushp-anda is mostly responsible for

updatedML.py (87 eloc)

functions.py (75 eloc)

AQI_ML_Analysis_Report.ipynb (1 eloc)

ngnguye5-alt is mostly responsible for

eda.ipynb (456 eloc)

jgar5032 is mostly responsible for

ml.ipynb (171 eloc)

functions.py (123 eloc)

ML_Analysis.ipynb (101 eloc)

eda.ipynb (30 eloc)

Data_Cleaning.ipynb (30 eloc)

panda-ayush is mostly responsible for

functions.py (145 eloc)

ml.ipynb (100 eloc)

eda.ipynb (1 eloc)

Data_Cleaning.ipynb (1 eloc)

ptrinh527 is mostly responsible for

Progress_Report.ipynb (993 eloc)

CS_418_Final_Report.ipynb (328 eloc)

Data_Visualization.ipynb (203 eloc)

functions.py (185 eloc)

Data_Cleaning.ipynb (81 eloc)

random_forest_analysis.py (47 eloc)

merge_aqi_socioeconomic.py (44 eloc)

updatedML.py (1 eloc)

The extensions below were found in the repository history (extensions used during statistical analysis are marked).

MD ipynb py