

Ⓒ RuleChecker
output_path : str smells : list
rule_check(ast_node: ast.AST, extracted_data: dict[str, any], filename: str, function_name: str, df_output: pd.DataFrame) -> pd.DataFrame

rule_checker

Ⓒ Inspector
dataframe_extractor : DataFrameExtractor library_extractor : LibraryExtractor model_extractor : ModelExtractor output_path : str rule_checker variable_extractor : VariableExtractor
inspect(filename: str) -> pd.DataFrame

inspector

Ⓒ ProjectAnalyzer
base_output_path : str inspector output_path : str
analyze_project(project_path: str) -> int analyze_projects_parallel(base_path: str, max_workers: int) analyze_projects_sequential(base_path: str, resume: bool) clean_output_directory() merge_all_results()

Ⓒ ProjectRepositoryCloner
base_path : str repo_data_path : str
clean() debug_filter_repo(df: pd.DataFrame) -> pd.DataFrame execute() filter_repos(df: pd.DataFrame, stars: int, commits: int) -> pd.DataFrame get_debug_projects() get_projects() get_repo(repo_url: str) setup()