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<https://github.com/unimi-dse>

id	pkg	Install	Works	Data acquisition	Data visualization	Data Analysis	Interactive Interface	Code Optimization	Readme	Documentation	Code Quality	Final Grade	Suggestions
8cf2b84a	wbanalysis	PASS	TRUE	3	3	3			1	1	0	29	1) Avoid Depends and use Imports instead in DESCRIPTION
8a65fae3	interestrates	PASS	TRUE	3	3	3	3		1	1	2	31	Excellent!
edf3d358	STONK	PASS	TRUE	3	3	3			1	0	-1	27	1) NAMESPACE should be generated by roxygen. The file is hacked 2) Get_Tickers() in Resume() makes no sense 3) Better plots are available for time series, but it's ok
3c883876	StocksFuturePriceR	PASS	TRUE	3	3	3			1	1	1	30	Well done!
b07f851f	Rmidterm	PASS	TRUE	3	3	3			1	1	0	29	1) Avoid Depends and use Imports instead in DESCRIPTION 2) importData() works only on your pc. It shouldn't be in the package
c34a5d0e	gradecalculator	PASS	TRUE	3	3		3		1	1	1	30	Well done!
ea2a2607	ManaSimul	PASS	TRUE	3	3	3			1	1	0	29	1) Root folder contains files that shouldn't be in R packages (e.g. "incrediblepotato", "NamingReg")
678a6345	aaptrend	PASS	TRUE	0	3				0	0	-1	20	1) Avoid Depends and use Imports instead in DESCRIPTION 2) wrong way to use arguments in functions and misleading documentation. E.g. why do you use argument "df" in data_acquisition()? 3) why do you replicate the code for data acquisition? Use data_acquisition() inside create_graph() 4) data_acquisition() should use an argument to identify the ticker to download. So you would be able to download stocks other than AAPL 4) README missing markdown for code snippets
01a62bb0	milanpollution	PASS	TRUE	3	3	3	3		1	1	2	31	Excellent!
a45b803b	TS1	PASS	TRUE	3	3	3			1	1	0	29	1) loaddata(): return instead of printing 2) Use "TS1::DATA" instead of "DATA". Try to run DATA <- NULL in the console and then run ggdoubleplot(). What happens? Use TS1::DATA instead and try again
e16b23fb	stockforecasting	PASS	TRUE	3	3	3			1	1	0	29	1) Avoid Depends and use Imports instead in DESCRIPTION
2fd51b52	co2emission	PASS	TRUE	3	3	3	3		1	1	1	30	Well done!
531ababf	flightsanalysis	PASS	TRUE	3	3	3	3		1	1	0	29	1) Avoid duplicating the code for data acquisition in server.R. Use your catch() function instead
f0e7a855	airlinesafety	PASS	TRUE	3	3	3			1	1	1	30	Well done!
1908254a	oandacnh	PASS	TRUE	3	3		3		1	1	1	30	Well done!
a752d5c2	pm10comparing	PASS	TRUE	3	3		3		1	1	1	30	Well done!
fdaa5907	ethereum	PASS	TRUE	3	3	3	3		1	1	2	31	Excellent!
d0474b6a	crimes	PASS	TRUE	3	3		3		1	1	-1	28	1) don't use 'data' folder into the 'inst' folder. Use 'extdata' instead. Remember that subdir of 'inst' move up to the root directory during installation (inst/data folder may create problems). 2) Do not attach plotly in ui.R and server.R. Use DESCRIPTION for this 3) wrapping everything into observe() in server.R is not very clean 4) fix warning in mean.default(X[[j]], ...)
a903d60e	nation	PASS	TRUE	3					1	0	0	22	1) what is the 'src' folder used for? 2) documentation with roxygen is not complete 3) avoid setting utils::globalVariables 4) do some plots and analysis with R packages
b0824e24		FAIL										0	
1daee6da	titanicanalysis	PASS	TRUE	3	3	3			1	1	1	30	Well done!
91ac3e1	Calpha	PASS	TRUE	3	3	3			1	1	0	29	1) avoid using too many parenthesis (often not needed) 2) respect indentation, add whitespaces and new lines to make the code more readable
1a1ea81f	EconomicIndicators	PASS	TRUE	3	3		3		1	1	0	29	1) I would have used quantmod to interactively download data from FRED, in this way you would have been able to plot any series (up to date) instead than just those you stored in the package.
f4836d06	PreliminaryAnalysis	PASS	TRUE	3	3	3	3		0	0	-1	26	1) I had to manually require the plotly library, otherwise the shiny app breaks... functions %>% and layout are not visible in your code. Import %>% and use plotly::layout 2) the code in the README does not work (error in PreAn()) 3) title is missing in roxygen documentation
646db70d	stockSearch	PASS	TRUE	3	3		3		1	1	1	30	Well done!
1eec23cf	politcalparticipation	PASS	TRUE	3	3	3			1	0	0	28	1) missing @return tag in roxygen documentation 2) rename file hello.R or use a file for each function 3) respect indentation, add whitespaces and new lines to make the code more readable
573e6b4b	ProjectTrial	PASS	TRUE	3	3	3			1	1	0	29	1) why returning only the summary of the lm instead of the lm object directly? 2) auto printing in functions should be controlled by a parameter (e.g. verbose = TRUE) 2) missing @description in roxygen, on the other hand excellent description of the dataset
be4dd3dd	DistributionCalculator	PASS	TRUE		3		3		1	0	-1	24	1) what is "Functions: anna_app" in file DESCRIPTION? 2) missing @return tag in roxygen documentation 3) shiny app should be stored in the inst folder and split in ui.R and server.R. See the other projects 4) the file 'dataacq.R' makes no sense. It should be deleted and 'DistributionCalculatorAlcons::alcons' should be used in plotalcons() instead of 'alcons'.
bf98dccb	PackNI	PASS	TRUE	3	3	3			1	1	1	30	Well done! PS do you really need to use substitute() in your functions?
8554ac27	FFP	PASS	TRUE	3	3	1,5	1,5		1	1	0	29	1) the data analysis is not valid as no R packages were used. The shiny app is not valid as this is not the right way to include it in a package. On the other hand, the code itself is correct... awarded the 3 points spread between data analysis and shiny. No code quality 2) "sum_be()": no need to assign in the return statement 3) "be_judgf()": why printing? return instead
9768672c	teslasales	PASS	TRUE	3	3	3			1	1	1	30	Well done!
7a34747f	TempClim2	PASS	TRUE	3		3	3		1	1	1	30	Well done!

e618ea5c	milanotempanalysis	PASS	TRUE	0	3	0	1	0	0	22	1) NAMESPACE not generated by roxygen 2) the interface is not interactive. Missing any input/output reaction 3) Use "milanotempanalysis::jsonE" instead of "jsonE". Try to run jsonE <- NULL in the console and then run the interface. What happens? Use milanotempanalysis::jsonE instead and try again	
1e9264d4		FAIL								0		
ba8095f7	Avoprices	PASS	FALSE							0	Empty package. This is a script	
da079a3b	commentanalysis	PASS	FALSE							0	1) Does not work. Package 'shiny' not found. The needed packages must be listed in the DESCRIPTION file to make sure they are installed when your package is installed (fields Imports or Depends). Also, do not require packages in server.R, use file DESCRIPTION or namespaces instead	
ea34b421	citycostanalysis	PASS	TRUE	3	3	3	1	1	-1	28	1) sampleGui is misspelled in README (should be sampleGUI) 2) do not load packages inside server.R. Use file DESCRIPTION for this 3) why do you export "filter_total", "reactive_data" and "filter_city"? What is the argument "Data" used for? What is "total" in "filter_total"? Why do you define this functions in the R folder if you then redefine them in the shiny app?	
279a5716		FAIL								0		
b38a7b1d	ecommercedataanaly	PASS	TRUE	0	3	3	0	1	1	0	26	1) Why don't you use the "fit" function in the shiny app but duplicate the code at line 6 in server.R? 2) the interface is not interactive. Missing any input/output reaction 3) Use "ecommercedataanalysis::Ecommerce_Customersxx" instead of "Ecommerce_Customersxx". Try to run Ecommerce_Customersxx <- NULL in the console and then run the interface. What happens? Use ecommercedataanalysis::Ecommerce_Customersxx instead and try again
92940113		FAIL								0	1) Not valid. The package is copied (default Rstudio package). Modify at least the name of the function and what it does (e.g. sum 2 integers)	
ee59a44a										30	https://github.com/covid19datahub/COVID19/commit/4f5d01f984fde7a43732c5d8e79049f59f4afa43	
e6a75b78	mypackage	PASS	TRUE	3	3		1	0	0	25	1) missing @return tag in roxygen documentation 2) modularity: better to create a separate function to load data and another one to plot	
c58b1011	INFIR	PASS	FALSE							0	1) Does not work. No function has been exported to the user	
8d4f0b42		FAIL								0		
959f8daa	GetYoursalary	PASS	TRUE	0	3	3	1	0	-1	24	1) NAMESPACE not generated by roxygen 2) modularity: better to create a separate functions for different tasks 3) data acquisition: data should be included in the package. Not stored and read from github 4) do not load packages inside functions. Use file DESCRIPTION or namespaces instead	
gfds79bs										30	https://github.com/covid19datahub/COVID19/commit/59ac6a83885ccc054a54dd0744d05088949a960	