

## TASK:

1. In the dataset **av\_engine\_aic.csv**, update the td4 column to the result of t24 + 459.67. You can do this by selecting a column in Tableau, right-clicking it and creating a "Calculated Field".
2. Join all flight tables to consolidate data (The flight tables are the tables with "av\_engine\_data" included in the name). You can do this in the "Data Source" area of Tableau

The screenshot shows the Tableau Desktop interface. The 'Data Source' pane on the left lists various CSV files under 'Files'. The 'Connections' pane shows 'av\_engine\_data\_aic' as a 'Text file'. The main view displays a table with columns: 'av\_engine\_data\_aic.csv+', 'hpc\_eff\_mod', 't24', 'td4', 't30', and 't50'. A dialog box titled 'av\_engine\_data\_aic.csv+' is open, showing 'Connection: av\_engine\_data\_aic' and a list of tables in the union: 'av\_engine\_data\_aic.csv', 'av\_engine\_data\_axm.csv', 'av\_engine\_data\_fron.csv', and 'av\_engine\_data\_pgt.csv'. The 'Specific (manual)' option is selected. The 'Table Details' pane shows the 'hpc\_eff\_mod' column with values ranging from -0.0005000 to 0.00027000. The 'Table' pane shows the 't24' column with values ranging from 182.54000 to 183.29000. The 'Table' pane also shows the 'td4' column with values ranging from 642.21000 to 642.96000. The 'Table' pane also shows the 't30' column with values ranging from 1.579.2500 to 1.584.6500. The 'Table' pane also shows the 't50' column with values ranging from 1.402 to 1.406.

Tableau - Combined av\_engine tables

File Data Server Window Help

Connections [Add](#)

av\_engine\_data\_aic  
Text file

Files [Add](#)

☐ Use Data Interpreter  
Data Interpreter might be able to clean your Text file workbook.

- av\_bom\_manufacturing.csv
- av\_engine\_data\_aic.csv
- av\_engine\_data\_axm.csv
- av\_engine\_data\_fron.csv
- av\_engine\_data\_pgt.csv
- av\_esn\_rul.csv
- av\_lkp\_airport\_codes\_t.csv
- av\_manufactu...per\_part.csv
- av\_manufact...summary.csv
- av\_manufactu...ly\_chain.csv

[New Union](#)

av\_engine\_data\_aic

Connection ☒ Live ☐ Extract

Filters 0 [Add](#)

av\_engine\_data\_aic.csv+

Specific (manual) Wildcard (automatic)

Connection: av\_engine\_data\_aic

- av\_engine\_data\_aic.csv
- av\_engine\_data\_axm.csv
- av\_engine\_data\_fron.csv
- av\_engine\_data\_pgt.csv

Tables in union: 4

Apply OK

100 rows

av_engine_data_aic.csv+	hpc_eff_mod	t24	td4	t30	t50			
av_engine_data_aic.csv+	-0.0005000	0.0002000	100	518.670	182.55000	642.22000	1.584.0200	1.402
av_engine_data_aic.csv+	0.0016000	-0.0003000	100	518.670	182.54000	642.21000	1.580.4100	1.403
av_engine_data_aic.csv+	-0.0017000	0.0001000	100	518.670	182.74000	642.41000	1.579.2500	1.406
av_engine_data_aic.csv+	-0.0012000	-0.0002000	100	518.670	182.62000	642.29000	1.592.0400	1.397
av_engine_data_aic.csv+	0.0027000	0.0001000	100	518.670	183.29000	642.96000	1.584.6500	1.401

Data Source Sheet1

Type here to search

Desktop OneDrive - Personal

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