

Task 1 – Model Answer

Please note: this model solution represents one possible correct solution to the problem. Your output may therefore look slightly different (different column names, different flow arrangement etc.) based on your individual work style.



Tableau Output

Tableau - Book1

av_bom_manufacturing_psql+ (ge_data_combined (1))

Connection: ☒ Live ☐ Extract Filters: 0 | Add

Connections: ge_data_combined (1) Microsoft Excel

Sheets: ☐ Use Data Interpreter
Data Interpreter might be able to clean your Microsoft Excel workbook.

av_bom_manufacturing_psql
av_engine_data_aic_psql
av_engine_data_axm_psql
av_engine_data_fron_psql
av_engine_data_pgt_psql
av_esn_rul_psql
av_lkp_airport_codes_t_psql
av_manufactu...supply_chain
av_bom_manuf...cturing_psql
av_engine_da...lprepared_1
av_engine_da...ata_axm_psql
av_engine_da...ata_fron_psql
av_engine_da...ata_pgt_psql
av_esn_rul_psql...esn_rul_psql
av_lkp_airpor...psql-prepared
av_manufactu...y_chain_psql

New Union

Union

Sort fields: Data source order

Tables in union: 4

Union	Union	Union	Union	Union
dataset	esn	unit	flight_cycle	datetime
train_FD001	999,001	1	1	11/1/2018 5:10:
train_FD001	999,001	1	2	12/1/2018 1:07:
train_FD001	999,001	1	3	12/1/2018 2:06:
train_FD001	999,001	1	4	12/1/2018 7:42:
train_FD001	999,001	1	5	12/1/2018 8:42:
train_FD001	999,001	1	6	12/1/2018 5:11:17 PM
train_FD001	999,001	1	7	12/1/2018 5:47:00 PM
train_FD001	999,001	1	8	12/1/2018 6:47:01 PM
train_FD001	999,001	1	9	12/1/2018 9:43:00 PM
train_FD001	999,001	1	10	12/1/2018 10:43:15 ...
train_FD001	999,001	1	11	13/1/2018 1:03:00 AM
train_FD001	999,001	1	12	13/1/2018 2:02:53 AM

Union dialog box:

Specific (manual) Wildcard (automatic)

Connection: ge_data_combined (1)

- av_engine_data_aic_psql
- av_engine_data_axm_psql
- av_engine_data_fron_psql
- av_engine_data_pgt_psql

Tables in union: 4

Apply OK

Show aliases Show hidden fields 1,000 rows

Union	Union	Union	Union
hpc_eff_mod	hpc_flow_mod	tra	
-0.0005000	0.00020000	100	
0.0016000	-0.00030000	100	
-0.0017000	0.00010000	100	
-0.0012000	-0.00020000	100	
0.0027000	0.00010000	100	
0.0009000	-0.00040000	100	
-0.0015000	0.00020000	100	
0.0022000	0.00040000	100	
0.0040000	0.00020000	100	
0.0022000	-0.00020000	100	
-0.0002000	-0.00040000	100	
-0.0018000	-0.00040000	100	

Data Source Sheet 1 Sheet 3 Sheet 2