

Tables Order Columns and Sort

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Given Table, Show Some Columns First

```
% Generate Table
it_num_cols = 4;
it_num_rows = 5;
mt_data = rand([it_num_rows, it_num_cols]);
tb_test = array2table(mt_data);
cl_col_names = strcat('col_', string((1:it_num_cols)));
cl_row_names = strcat('row_', string((1:it_num_rows)));
tb_test.Properties.VariableNames = matlab.lang.makeValidName(cl_col_names);
tb_test.Properties.RowNames = matlab.lang.makeValidName(cl_row_names);

rng(123);
mean = strcat('data=', string(rand([it_num_rows,1])));
sd = strcat('data=', string(rand([it_num_rows,1])));
tb_test_ori = addvars(tb_test, mean, sd);

% Move Variable
tb_test_varmove = movevars(tb_test_ori, {'mean', 'sd'}, 'Before', 'col_1');

% Display
disp(tb_test_ori);
```

	col_1	col_2	col_3	col_4	mean	sd
row_1	0.34318	0.738	0.6344	0.32296	"data=0.69647"	"data=0.42311"
row_2	0.72905	0.18249	0.84943	0.36179	"data=0.28614"	"data=0.98076"
row_3	0.43857	0.17545	0.72446	0.22826	"data=0.22685"	"data=0.68483"
row_4	0.059678	0.53155	0.61102	0.29371	"data=0.55131"	"data=0.48093"
row_5	0.39804	0.53183	0.72244	0.63098	"data=0.71947"	"data=0.39212"

```
disp(tb_test_varmove);
```

	mean	sd	col_1	col_2	col_3	col_4
row_1	"data=0.69647"	"data=0.42311"	0.34318	0.738	0.6344	0.32296
row_2	"data=0.28614"	"data=0.98076"	0.72905	0.18249	0.84943	0.36179
row_3	"data=0.22685"	"data=0.68483"	0.43857	0.17545	0.72446	0.22826
row_4	"data=0.55131"	"data=0.48093"	0.059678	0.53155	0.61102	0.29371
row_5	"data=0.71947"	"data=0.39212"	0.39804	0.53183	0.72244	0.63098