

What's in the folders and what's in the files.

Which folders contain what:

data_in : This folder contains csv format input files. File are per-team. Also one supplemental file with ESPN season-long data.

tables_out: This folder contains two output tables (team- and player-level aggregated tables, Excel format).

out_figures: This folder contains figures (.png format) that went into the report.

Which files do what:

tfo_load_shotdata.py (main input file, rename) – Main file. Inputs data and performs most conversions, re-mappings, data parsing, etc.

tfo_team_report.py – File which aggregates numbers on a per-team basis, and calculates variables of interest (eg performance indicators), and calculates pre/post differences.

tfo_player_report.py – File which aggregates numbers on a per-player basis, and calculates variables of interest, and calculates pre/post differences. Similar to tfo_team_report.py.

tfo_story_figures.py – File which contains code to generate final version graphs and figures with annotations.

tfo_extra.py – file which contains some supplemental custom graphing functions.

tfo_hou_analysis.py – File specific for a few questions regarding Houston performance.

tfo_gameqtr.py – File which re-shapes shot data to support “game log” like histories on a per-quarter basis. Used for scenario outcome evaluation.

tfo_export_tables.py – Export summary tables to in two formats 1) excel 2) sql data export.

Assorted .pik files: data storage, 'pickle' format.

Documentation:

File Documentation.odt / pdf : this file.

Writeup.odt/pdf – final report.

Data Flowchart.odp / pdf -- visual diagram of basic flow of data through the analysis.