**Excel Projects**

**GitHub:** [**https://github.com/meinhardtmr/Excel-Repository**](https://github.com/meinhardtmr/Excel-Repository)

Pivot Tables/Charts

Filename: pivot.xlsx

Description: This spreadsheet contains data from a Crowdfunding project with three pivot charts displayed on the following tabs:

* CategoryStats
* SubcategoryStats
* LaunchDateOutcome

Lookups

Filename: lookups.xlsx

Description: FanDuel.com is a popular online betting site that offers betting on NFL games. The premise is to create a nine-player roster while maintaining a total salary that does not exceed $60,000. This is an interactive spreadsheet populated with data downloaded from Fanduel.com. The “PLAYER” column is validated with the player data found on the “Players” tab and is populated via a drop-down pick list. Lookup values automatically populate the player’s salary, average scoring, and injury status, while a function automatically calculates the total salary. The “SALARY” and “AVG” columns use INDEX/MATCH as the lookup style, while the “INJ” column is populated using the VLOOKUP built-in.

In-Process-Memory VBA Code

Filename: in-memory-processing.xlsm

File Creation: rank\_by\_Tier.xlsx

Description: FanDuel.com is a popular online betting site that offers betting on NASCAR races. The object is to create a team of five drivers while maintaining a salary that does not exceed $50,000. This spreadsheet uses complex in memory VBA to create all possible driver combinations from data downloaded from FanDuel.com based on a ranking of their salary. The in memory processes include the use of VBA Arrays, VBA Dictionaries, and VBA Collections. This is a three-step process where the first step creates a new spreadsheet with all of the team combinations, the second step randomly chooses 50 drivers based on the salary ranking, and the third step calculates the final points after the race has finished to evaluate where the random drivers would have finished if they were to be bet on.