**WISER SOLUTIONS INC TECHNICAL ASSESMENT**

This document is a technical design document for the Wiser Solutions Inc software challenge taken by Arvind Venkatasubramanian.

**Problem**

Scraping of a Wiki page <https://en.wikipedia.org/wiki/National_Football_League>

1. All the teams which are based out in the following coordinates:
   1. Above 39°N
   2. East of 84°W
2. All the teams based out of SOUTH division
3. All the Stadiums with capacity between 50K-80K
4. All image links on the page

**Solution**

**Steps:**

1. Wrote a scraper in Python to extract the table contents. Saved it in a CSV file.
2. Using Pandas, extracted the information based on the problem.

**Workaround**

One of the biggest challenges faced was with the rowspan. I managed to extract the data from the rowspan, however the remaining values were Null. I manually saved the value from the csv and then performed the data resultant activites.