Fantasy Football Draft Computer Report Summary

Date: September 4th, 2023

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Executive Summary:

In an effort to optimize my auto-draft strategy for my family's Fantasy Football league, I initiated a data-driven project. The project aims to create a robust draft list and track the drafted team's performance throughout the season. This report provides an overview of the project's key aspects.

Introduction:

I joined my family's Fantasy Football league this year, facing scheduling conflicts that prevented me from participating in the live draft. To address this, I embarked on a data project to develop an effective auto-draft strategy, divided into two phases: draft order creation and season-long team performance tracking.

Data Collection:

- Data sources: Various sports and fantasy websites.
- Project encompasses a 12-team league with a roster format of QB, WR, WR, RB, RB, TE, W/R/T, K, DEF, BN, BN, BN, BN, BN, BN, IR, IR.
- Categories weighted as follows:
  - Player Ranking: 25%
  - Value over Replacement (VORP): 25%
  - Risk Score: 25%
  - Player Flex: 25%
- Data sources include ESPN, BetIQ, Draft Sharks Injury Predictor, and Google searches for player information.

Data Cleaning and Processing:

- Data collected from website tables and manual entry.
- Player ranking computed from BetIQ's rankings of potential point totals.
- VORP score based on comparisons with lowest potential scores by position.
- Flex score manually assigned by player position and value to a fantasy roster.
- Risk score derived from Draft Sharks' injury probability data and player age.
- Extensive data reconciliation required due to discrepancies in player names and attributes.
- Manual entry of missing data such as player ages.

Exploratory Data Analysis (EDA):

- Draft board created based on computed scores.
- Easy transition from the spreadsheet to Yahoo Sports' auto-draft feature.
- One post-draft transaction: Dropped WR Trylon Burkes, added RB Devin Singletary.
- Yahoo Sports graded the draft at A-, with a projected third-place finish.

Control Team:

- Created a control team using FantasyPros' mock draft system.
- Utilized the same draft board but drafted in real-time against CPU players.
- Control team: [Insert control team details here.]

Next Steps:

- Set up a section on the data sheet for tracking fantasy points.
- Monitor and analyze the performance of both the drafted team and the control team throughout the fantasy football season.
- Conclude the project with a final report comparing the results of both teams.

This condensed one-page summary provides an overview of the Fantasy Football Draft Computer project, highlighting its key objectives, data sources, analysis, and next steps. It captures the essential elements of the original report for a quick understanding of the project's scope and findings.