

Planning

Topic: Football Player data driven valuation

- **Football:** (Team Not Decided yet)
- **Data source:**
 - Fbref.com
 - www.kaggle.com
 - whoScored.com
- What to look for:
 - **Team Success:** Expected goals per player in game, Assists ect
 - **Player Value:** Can we see how to player is contributing to the team?
 - **Cost Efficiency:** Using the player value and actual cost (Salary/ transer fee), can we identify which players have the most **overvalue** and **undervalued player** in there in the team or **team** in the league **to be decided**.
- **Question:**
 - What statistics are the best predictors of a team's success in [a specific league, e.g., the English Premier League, NBA, MLB] today, and how can this be used for cost-effective team building?
 - How can a modern football club use Expected Goals (xG) to identify undervalued attacking talent in the player market to achieve cost-effective success?

How to Frame This During Your Presentation

Start your presentation by stating the core question clearly:

"Everyone knows the original Moneyball story—using data to find undervalued players. But today, every club has data. So, our project asked a modern question: **In today's game, what is the new 'on-base percentage,' and how can we use it to find hidden gems?**"

"We focused on the English Premier League and a metric called Expected Goals, or xG, which measures the quality of a chance. Our analysis sought to answer three things:

- 1.First, does xG actually predict team success better than traditional stats?
- 2.Second, how can we measure a player's contribution to xG?
- 3.And finally, the Moneyball moment: when we compare that value to a player's cost, who is the market getting wrong?"

| Grading Criteria | Total Marks |
|---|------------------|
| 1. Content | 30 |
| • Relevance of the topic | (Included in 30) |
| • Clarity and depth of information | (Included in 30) |
| • Accuracy of information presented | (Included in 30) |
| • Appropriateness of sources and references | (Included in 30) |
| 2. Visual Design | 20 |
| • Clarity and readability of text | (Included in 20) |
| • Effective use of visuals (e.g., images, graphs, charts) | (Included in 20) |
| • Overall visual appeal and organization | (Included in 20) |
| 3. Presentation Skills | 20 |
| • Delivery and engagement with the audience | (Included in 20) |
| • Ability to effectively communicate key points | (Included in 20) |
| • Confidence and presence during the presentation | (Included in 20) |
| 4. Teamwork and Collaboration | 20 |
| • Contribution to the team effort | (Included in 20) |
| • Ability to work effectively with team members | (Included in 20) |
| • Demonstrated cooperation and coordination | (Included in 20) |
| 5. Questions and Discussion | 10 |
| • Ability to answer questions from the audience | (Included in 10) |
| • Engagement in post-presentation discussion | (Included in 10) |
| TOTAL | 100 |

Poster Structure:

- **Introduction (Top of poster)**
 - Hook: Moneyball Concept ()