**A Data Driven Approach to understanding soccer**

First topic: Understanding the big 5 leagues

* Show revenue differences.
* Understand competitiveness levels of the league
* Past winners of the last decade

Second topic: Key Performance Metrics in Soccer Analytics

* 1. Physical metrics (e.g., distance covered, sprinting distance)
* 2. Technical metrics (e.g., passing accuracy, dribbles completed)
* 3. Tactical metrics (e.g., heatmap analysis, positional tracking)
  + B. Team-centric metrics:
* 1. Possession statistics (e.g., possession percentage, passes completed)
* 2. Offensive metrics (e.g., shots on target, expected goals)
* 3. Defensive metrics (e.g., interceptions, tackles won)

Third Topic: IV. Advanced Statistical Models

* Regression analysis for predicting player performance
* B. Clustering algorithms for identifying player roles and playing styles
* C. Network analysis for understanding passing patterns and team dynamics
* D. Predictive modeling for match outcome prediction and player valuation

Fourth topic: how is data measured

* Shots, passes, possession, corners, corners, fouls
* Physical data (i.e., distance covered (e.g., GPS), top speed, sprint)

Fifth topic: broadcasting

* VAR
* Player formations
* Play highlights

Sixth: Conclusion

* How will soccer have a forward thinking data driven approach
* Is a data driven approach right for soccer?
* Ai and sport