

Project Title	Football Strategy
Technologies	Business Intelligence
Domain	Sports
Project Difficulties level	Advanced

### Problem Statement:

Not all battle can won on the basis of brute strength, here to the intellectual mind which creates the strategy to win. Here you are to use analytics concepts for football strategy creation.

Contributors were presented a football scenario and asked to note what the best coaching decision would be. A scenario: "It is third down and 3. The ball is on your opponent's 20-yard line. There are five seconds left. You are down by 4." The decisions presented were punt, pass, run, kick a field goal, kneel down, or don't know. There are thousands of such scenarios in this job. Added: December 8, 2015 by CrowdFlower | Data Rows: 3731

Find key metrics and factors and show the meaningful relationships between attributes.

Do your own research and come up with your findings.

### Dataset:

You can find the dataset on the given link

Source: <https://www.crowdfunder.com/data-for-everyone/>

[https://drive.google.com/drive/folders/1Q7T-iLQFfH3ofEcwl\\_R3CyCqIBwm2INT?usp=sharing](https://drive.google.com/drive/folders/1Q7T-iLQFfH3ofEcwl_R3CyCqIBwm2INT?usp=sharing)

### Approaches:

Python, R, Tableau, Power BI or you can use any tools and techniques as per your convenience. We would appreciate your valid imagination in finding solutions

### **Project Evaluation metrics:**

#### **Code: As per the requirements**

- You are supposed to write a code in a modular fashion
- Safe: It can be used without causing harm.
- Testable: It can be tested at the code level.
- Maintainable: It can be maintained, even as your codebase grows.
- Portable: It works the same in every environment (operating system)
- You have to maintain your code on GitHub.

- You have to keep your GitHub repo public so that anyone can check your code.
- Proper readme file you have to maintain for any project development.
- You should include basic workflow and execution of the entire project in the readme file on GitHub
- Follow the coding standards: <https://www.python.org/dev/peps/pep-0008/>

### **Database:**

- You are supposed to use a given dataset/resource for this project.

[https://drive.google.com/drive/folders/1Q7T-iLQFfH3ofEcwl\\_R3CyCqIBwm2INT?usp=sharing](https://drive.google.com/drive/folders/1Q7T-iLQFfH3ofEcwl_R3CyCqIBwm2INT?usp=sharing)

### **Submission requirements:**

#### **High-level Document:**

You have to create a high-level document design for your project. You can reference the HLD form below the link.

#### **Demo link:**

[HLD Document Link](#)

#### **Low-level document:**

You have to create a Low-level document design for your project; you can refer to the LLD from the below link.

#### **Demo link:**

[Low Level Design Sample document link](#)

#### **Architecture:**

You have to create an Architecture document design for your project; you can refer to the Architecture from the below link.

#### **Demo Link:**

[Architecture Document Link](#)

### **Wireframe:**

You have to create a Wireframe document design for your project; refer to the Wireframe from the below link.

**Demo link**

[Wire-frame link](#)

### **Project work:**

You will have to share the Tableau Public Link of your work

You have to submit your code GitHub repo in your dashboard when the final submission of your project.

**Demo link**

[Project code sample link :](#)

### **Detail project report:**

You have to create a detailed project report and submit that document as per the given sample.

**Demo link**

[DPR sample link](#)

### **Project demo video:**

You have to record a project demo video for at least 5 Minutes and submit that link as per the given demo.

### **The project LinkedIn a post:**

You have to post your project detail on LinkedIn and submit that post link in your dashboard in your respective field.

#### **Demo link**

[Linkedin post sample link :](#)

