

Client: Bet with Jimmy

Bet with Jimmy is a private sports team analysis tool, developed by James Cline, to provide insight for predictable team performance for future outcomes of selected sporting events.



Needs and Objectives

To find outcomes based on Cline's formula, game statistics were manually copied from consistent source providers (reliable websites) and pasted into a game analysis template (Excel spreadsheet) that contained the calculations and formulas. To save time and ensure a successful public launch, Cline knew he needed to automate his process.

LaunchIT's Solution

LaunchIT built an application that extracts data from the source providers and then arranges it into the game analysis template.

The software is web based, with a core computation engine containing all the computation logic and formulas and a backend database to store all data sets and results. Cline's formula depends on the statistics of a teams' previous eight games, so the software automatically ignores the first eight. From the ninth game onward, the software program will fetch, store and translate data. Outcomes are computed the day before the game at 2:00 p.m. All actions will repeat until the end of the sport's season. The software has a user interface to display the computed spread and the betting recommendation. The core computation engine is not accessible through the user interface, so changes to the core computation cannot be made by mistake.

LaunchIT architects built the software with the future in mind. Changes to the computation logic can be incorporated quickly and easily, making the software scalable.



Over 15 statistics are retrieved to predict the outcome of 1 game.

In the Future

The final template analysis is a work in progress, but now that Cline has the ability to mass populate and back test multiple seasons of sporting events, he can finalize and value the formulations of analysis and adjust impact values. The ultimate goal of Bet with Jimmy is to provide a sports predictability service that can be accessed from a website for a fee. The website is expected to be up as early as fall 2018.

TECHNOLOGY STACK

- MVC 5 Architecture using Microsoft .Net 4.5 with Visual Studio 2013
- Microsoft SQL Server 2012 for backend database
- Microsoft Excel 2010 (To be installed in the Server where application is Hosted)