

Introduction

In an increasingly data-driven world, the roles of soccer coaches, assistants, video-analysts, performance trainers, and even players on all levels are rapidly evolving. But with the next match always being only a couple of days away, increasing amounts of data and information available, and lots of new technology at your fingertips—how do you unlock all that potential and integrate it into your weekly routine in a way that benefits the performance and development of your team?

The Challenge

In this challenge, you will step into the role of a **match analyst for the University of North Carolina Wilmington (UNCW) women's NCAA soccer team**. Your job is to deliver **key tactical insights**. More specifically, you are tasked with delivering and providing actionable insights for **players and coaches** in a format that allows them to **easily understand**, digest it, and that **helps them improve** their performance.

The Data & Tools

To solve this challenge, you will have access to SciSports data from **10 games** available to you through the SciSports Performance Center application. **This includes detailed match reports, videos, playlists, match statistics, and various output formats with raw data for you to work with.**

You don't have to be a programmer to participate, as you can use any tool you like. Build a dashboard, generate automated reports, wrap your analysis into a presentation, use a white-board, use AI technology—you can solve it any way you want as long as you keep in mind the key goal of the challenge: to deliver an easy-to-understand, visually appealing, to-the-point, and actionable match analysis for a coach and/or player.

Your Solution & Evaluation

You will be asked to submit two products:

1. **Your analysis in your desired format, along with any instructions needed to use the analysis.**
2. **A 2 minute video-pitch, in which you explain how you conducted your analysis, and what makes it unique. If you made a custom tool—for example wrote a program to automatically generate a PDF report or used AI tooling, make sure to highlight the technical aspects in your pitch as well.**

A panel of judges from SciSports and UNCW will evaluate all submissions on the following criteria:

1. Validity & Relevance — Are the results correct and relevant to the user?
2. Visual Appeal — How does the submission look, and does it appeal to the user?
3. Actionability — Does the submission provide actionable insights?
4. Ease of Use — Can the user easily access the results, are they understandable?
5. Reproducibility — How much effort would it be to analyze 100 more games?
6. Uniqueness — What makes the submission stand out in terms of content or technology used?

Deadline of Submission

You will have until May 8th 11:59PM EST to submit your responses/solutions to the SISC email: scienceinsoccerconference@gmail.com

