

# EOIN DIGNAN

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Brno, Czechia | Irish citizen (EU) with Czech permanent residency | English (native), French (conversational)

## PROFILE

**Technical Writer / Data Analyst** building datasets, dashboards (Python, SQL, Power BI) and documentation. Combines technical rigor with a background in English teaching and copywriting to explain complex topics in clear, practical and user-focused ways. Pursuing a part-time MSc in Data Science (Distinction-level performance in Statistical Inference, Python Programming and Data Management Fundamentals).

## EDUCATION

- **In progress: MSc Data Science at The University of the West of England (UWE Bristol)** expected 2027  
Modules completed: Statistical Inference (Distinction), Programming for Data Science (Distinction), Data Management Fundamentals (Distinction), Process & Practice in Data Science (Merit)
- **BA (Hons) History and Sociology** at the University of Warwick 2012  
Grade: 2.1 (Upper second-class honours). Module on Surveys, Secondary Analysis & Social Statistics. Thesis used Excel and SPSS to analyze a self-built survey with 30+ questions & 1,200 respondents.

## TECHNICAL SKILLS

Python (incl. pandas & Matplotlib) | SQL (incl. CTEs & Window Functions) | Excel (incl. Lookups & Pivot Tables) | Quarto | Git, GitHub | Power BI (basic DAX) | R (tidyverse) | Basic JavaScript, HTML & CSS | Camtasia & Snagit

## PROJECTS

Portfolio projects hosted at [diggydigsdata.github.io](https://diggydigsdata.github.io). Site built with Quarto, custom SCSS and GitHub Pages.

### STORYTELLING

- Fair-Weather Fans: Looks at attendance churn among clubs relegated from the English Premier League.
- No Fear at That Age: Uses penalty data and logistic regression to test if young players really are ‘fearless’.
- The Winner Takes Them All: What-if football project reassigning penalties to players who won them. Built reporting workflow: Web scraping -> Pandas cleaning -> PostgreSQL modelling -> Power BI visualization.

### DOCUMENTATION

- API: ScraperFC Python package method (parameters, returns, error handling, versioning).
- Feature: Strava’s Grade Adjusted Pace metric (methodology, usage and limitations).
- Dataset: Downloadable dataset and docs for Fair-Weather Fans. It merges attendance and league data from multiple sources and includes temporal alignment, fuzzy matching, and anomaly detection.

## EMPLOYMENT

PORG Základní škola: English, Ukulele & Football Teacher

August 2024 - January 2025

Infosys: Product Copywriter/Editor – Technical

July 2022 - August 2024

- Authored, edited and performed final checks on product content across computing, smart home and other consumer tech categories for Currys (UK & Ireland). Writing samples are available on my website.
- Created process documentation and delivered training during a full team handover to India-based colleagues.
- Received an Infosys ‘Best Language Checker’ award for accuracy and attention to detail.

American Academy: Temporary English Language & Literature Teacher

April - June 2024

ILC International House Brno: English Teacher

September 2018 - June 2022

- As well as teaching, I created Snagit tutorials to support the transition to online learning during the pandemic and authored story-based learning content for the Erasmus+ City Stories Project.

CRCC: Paraprofessional for children and young people with disabilities

February 2016 - November 2017

- Implemented individualized care protocols and maintained strict confidentiality while handling sensitive data.