

DOUGLAS WOOLLAM

AI & Data Consultant

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 corkaiconsulting.ie/portfolio  github.com/AirDoogle

EXPERIENCE

Data Analyst

11/2025 - Present

Apple

Hollyhill, Co. Cork, Ireland

- Unlocked \$3M in revenue and eliminated 3 hours of daily manual work by cutting false program rejections by 95%, building an automated Claude Code agent pipeline with Python, Playwright, and Snowflake that approves or rejects customers against business rules.
- Delivered a Tableau dashboard for a \$60M EMEIA sales programme, adopted by every Account Executive in the region, by running stakeholder requirements sessions and iterating on their feedback.
- Built a \$30B revenue overview dashboard for the entire EMEIA Sales BPR organisation, now used by senior management and the program director, by connecting all sales programs to live Snowflake data and surfacing underperforming regions and programs.
- Forecasted over €800M in annual sales and enabled targeted outreach to 400k+ historical orders by building an RFM scoring model using programme performance data.

AI & Data Consultant

06/2026 - Present

Cork AI Consulting

Remote, Co. Cork, Ireland

- Identified 17 hours of weekly time savings and €9,800 in projected monthly net value across two Cork businesses by building an AI Opportunity Assessment agent that analyses discovery call transcripts, calculates ROI, verifies software pricing and produces nine slide HTML and PDF reports before filing the completed deliverables in Notion.
- Reduced the cost of producing a fully custom, published business website to approximately €1 and the delivery time to under 10 minutes, working on tables containing hundreds of leads, by building an AI powered automation that creates personalised websites from each business's public information.
- Automated 14 Agentic workflows across lead research, scoring, personalised outreach, reply handling, demo deployment, client assessments, Notion Git synchronisation, daily SEO publishing and brand updates by developing reusable Claude Code agents with human approval steps for important decisions.
- Enabled private AI powered dictation across any macOS application without requiring an account, internet connection or subscription by developing and open sourcing BlarneyKey, a free, local alternative to Wispr Flow that turns speech into clean, ready to use text.

Data Analyst

07/2025 - 11/2025

Mallow - Liscarroll Landscaping

Remote, Mallow, Co. Cork, Ireland

- Increased gross profit by 20% by developing SQL & DAX-based metrics for Target Profit & Revenue in a Power BI dashboard. Identifying under priced jobs and presented data backed pricing recommendations to the business owner that included overlooked costs like fuel, distance, time and equipment.

Data Analyst, AI/ML Data Operations Team

01/2025 - 06/2025

Dataforce by TransPerfect

Cork, Ireland

- Achieved a 95%+ QA approval rate, one of the team's highest, by writing and annotating advanced SQL queries & Python data analysis code to produce training data for machine learning models.

Data Science Intern

04/2024 - 10/2024

Eindhoven University of Technology

Remote, Netherlands

- Scaled workload from single run to 100's of concurrent analyses, processed over 14 million row's of clinical data by automating a parameter-driven pipeline: R/Microsoft Excel for ingestion, Python (Pandas, NumPy, scikit-learn) for end to end analysis, machine learning and visualisation.

EDUCATION

Master of Science: Bioinformatics & Computational Biology

09/2023 - 10/2024

University College Cork

Cork, Ireland

- Attained a 2:1
- Thesis: Assessing the impact of obesity on metabolism & inflammation (Python).
- Modules: Python: Programming for Scientists I & II, Data Mining, Dynamic Machine Learning Application. SQL: Relational Databases. R: Data Analysis I and II. Probability & Statistics.

Bachelor of Science: Pharmaceutical Biotechnology

09/2018 - 05/2022

Munster Technological University

Cork, Ireland

Leaving Certificate

09/2013 - 06/2018

Hazelwood College

Dromcollogher, Co. Limerick, Ireland

SUMMARY

A Data Analyst at Apple and AI & Data Consultant at Cork AI Consulting, complemented by over 2.5 years of data analytics experience and 3 years of Biotechnology & Medical Devices experience.

Skilled in end to end data pipelines, AI & process automation, dashboard development using Tableau, Power BI, SQL and Python.

Notable achievements include a 95% reduction in errors unlocking \$3M in revenue, a \$30B executive dashboard used by senior leadership at Apple, and a fully agentic AI pipeline for a \$60M Sales programme.

SKILLS

Data Analysis

SQL (PostgreSQL, Snowflake), Microsoft Excel, Python, Pandas, NumPy, ETL, Statistical analysis, Machine Learning, Database management

Data Visualisation

Tableau, Microsoft Power BI

AI & Automation

Claude Code, Agentic AI, Playwright

Professional

Problem-solving, Communication, Team collaboration, Microsoft Office, GitHub, LaTeX

CERTIFICATIONS & ACHIEVEMENTS

Power BI Data Analyst Associate

Microsoft Certified

Associate Data Analyst Certification (SQL)

DataCamp

Yellow Belt Certification

Lean Six Sigma

Viz of the Day Award

Tableau Software, LLC

LANGUAGES

English

Spanish

HOBBIES

 Gym, Muay Thai, GAA, Football

 Building agents & websites

 Reading, Writing, Data projects