

Dr. Christopher Dillon

Global Lead Data Scientist

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Northern Ireland

SKILLS

LANGUAGES

Python
SQL
R

DATA SCIENCE

Machine Learning
Predictive Modelling
A/B Testing
NLP / Time Series

DATA ENGINEERING

Data Warehousing
ETL Pipelines
Data Modelling

TOOLS

Streamlit
Git / Docker

LEADERSHIP

Building Data Teams
Hiring & Recruitment
Mentoring & Development
Data Strategy

MANAGEMENT

Stakeholder Management
Cross-functional Delivery
Agile / Scrum

DOMAIN

E-commerce Analytics
Customer Segmentation
Supply Chain / OTIF

INDUSTRY

Retail / Wholesale
Biomedical Diagnostics
Astrophysics Research

EXPERIENCE

Global Lead Data Scientist

Jan 2025 - Present

Nexus Brands Group

Operating across all 18 businesses within the group. Core role in the formation of the Global Finance and Data Analytics Department, a strategic initiative to centralize finance and data operations globally.

- **Team Leadership:** Building, hiring, and managing a high-performing global data team to support senior leadership across the group
- **Standardization:** Designing universal data and reporting architecture to replace fragmented legacy systems, ensuring consistency and transparency
- **Self-Service Analytics:** Developing secure, tailored Streamlit dashboards with Entra SSO across dashboards and BI
- **Operational Reporting:** OTIF performance increased by **25%**, identified **millions** in E&O inventory, detecting **~1% revenue** in OOS-related sales loss
- **KPI Strategy:** Designed and implemented EOS Level 10 executive scorecard aligning KPIs with operational priorities
- **Advanced Analytics:** Delivering data science initiatives focused on customer behavior, margin improvement, and strategic growth

European Data Scientist

Apr 2023 - Jan 2025

Nexus Brands Group

Transformed data function for 5 European businesses across tattoo, beauty, and pet grooming supply. Consolidated fragmented data sources into universal data warehouse, enabling consistent automated reporting. This work resulted in my promotion to Global Lead.

Data Scientist

May 2022 - Apr 2023

Christies Direct

Built the Data Science function from scratch at one of the world's largest pet-grooming supply companies. Created unified reporting across Christies and sister company Transgroom. Promoted to European Data Scientist based on this work.

Astrophysics PhD

Sep 2017 - Feb 2022

Queen's University Belfast

Joint venture with Randox Laboratories developing statistical techniques for astrophysical and biomedical analysis. Developed algorithms for large-scale statistical analysis of below-noise-floor signals, leading to novel discoveries of stellar nanoflares. Created image feature recognition software achieving **98.8%** reduction in processing times (saving **600+ seconds**), key component of biochip diagnostics pipeline in **\$12B** industry.

PUBLICATIONS

2023 **Nanoflare Activity on Fully Convective M-dwarf Stars**
Grant et al. The Astrophysical Journal

2020 **Statistical Evidence for Stellar Nanoflare Signals in M-type Lightcurves**
Dillon et al. The Astrophysical Journal

2019 **Monte Carlo Techniques for Nanoflare Detection in Solar Active Regions**
Jess et al. The Astrophysical Journal

EDUCATION

MSci Physics, First Class Honours

Sep 2013 - Jun 2017

Queen's University Belfast

Seagate bursary recipient. Head of peer mentor scheme.