

# Alexander Rathke

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## Data Analyst / Business Intelligence Analyst / Data Visualisation

A motivated, flexible, and energetic professional analyst with experience in elite performance environments. Gifted with an analytical mindset and a strong spirit of initiative. An organised individual with excellent communication skills. Demonstrated ability to produce high-quality reports, and visualisations under pressure as proven in numerous industries.

### Key Skills:

Microsoft Excel/Office/PowerPoint | SQL | Snowflake | Alteryx | Trifacta | Python | R | Streamlit | AWS | Impala | Tableau | Looker | Power BI

## PROFESSIONAL EXPERIENCE

### Visualisation & Reporting Specialist | Clear Strategy – Dublin, Ireland | Nov 2022 – present

- Dashboard and Reporting analysis with Power BI
- Consulting of data requirements across projects for clients
- Collaborated with project team to manage data flow process on consulting projects

### Performance Data & Visualisation Analyst | Offaly GAA – Offaly, Ireland | Nov 2022 – July 2023

- Part-time work in GAA football providing team and opposition analysis to Senior Men's team
- Video analysis and tagging of games for coaching and technical staff
- Reporting of team and opposition analysis using in-house collected data
- Build Tableau and Python based data visualisations using self-collected data
- Aided technical staff with data interpretations for pre- and post-match analysis

### People Data Analyst | Intercom – Dublin, Ireland | Sep 2021 – Sep 2022

- Ensured Diversity Ethnicity & Inclusion (DEI) data collection strategies for new joiners
- Developed and managed DEI quarterly and annual reports for Executives and Leaders
- Collaborated on monthly reports - Headcount, Attrition, Starts & Terms (etc.) for department heads
- Managed data requests from managers and colleagues
- Building of internal Tableau Online People Data database and visualisation dashboards

### Data Analyst | Aon (ACIA) – Dublin, Ireland | Jun 2018 – Aug 2021

- Re-developed data manipulation processes from Microsoft SQL Server to Alteryx & Trifacta
- Assisted with data migration processes across teams and platforms
- Built Tableau dashboards for internal colleagues from different departments
- Accomplished with team members the combination of five different data sources into one Tableau dashboard
- Collaborated with colleagues and managers on incoming data requests
- Assisted with Tableau training for internal colleagues

### Data Analyst | Dundalk FC – Dublin, Ireland | Jun 2019 – Oct 2019

- Part-time work in Dundalk's qualification pathway to European Champions & Europa League
- Analysed opposition team data trends for technical staff, highlighting potential playing strategies
- Developed Tableau dashboards to assist and educate coaching staff on understanding data
- Aided the Technical Director with player scouting and implementation of a data flow process with Alteryx/Python

**Data Analyst** | Brand Athlete Agency – London, UK | Jan 2019 – Aug 2019

- Built a recruitment system that ingested third party data to build a recruitment system using Python & Tableau
- Designed and developed a data flow process to produce visualisations and reports for stakeholders
- Compiled and wrote player analysis & recruitment reports to identify & recruit players

**Performance & Data Analyst - Part Time** | Tipperary GAA | Sep 2017 – Jun 2019 / Jan – May 2022

- Part-time position where I assisted match-day analysis of data collection and led data flow visualisation process
- Developed Tableau dashboards to assist, educate and visualise performance metrics for management staff

**TV Analyst** | StarTimes – London, UK | Mar 2016 – Jun 2017

**Performance Analyst Intern** | Houston Dynamo, Houston, USA | Mar 2016 – Sep 2016

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**EDUCATION & CERTIFICATIONS**

**MSc (Hons) Sports Performance** | University of Limerick | 2016

**BSc (Hons) Sports Management** | University of College Dublin | 2014

**Certifications:**

**Python Programming Language** | Udemy course

**Alteryx Core** | Alteryx

**Tableau Desktop** | Tableau Software

**SQL** | W3Schools course

**Trifacta Wrangler** | Alteryx

**Trifacta Data Deputy** | Alteryx

**R** | Udemy course

**Hands on Essentials – Data Warehouse** | Snowflake

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**OTHER INFORMATION**

Hobbies: Outdoor adventures, Sports, Travelling, Racing, Coding/Programming, Data visualization

Publications: [MSc paper publication](#)

Languages: English & German

Portfolio: <https://tabsoft.co/3hM4cCY> / [Interactive Python built CV](#)

Achievements: 1) Cycled around Ireland solo bike-packing in 2020

2) Lake Zurich Marathon Swimming Winner 2021