
Filip Livancic

- **Location:** East Finchley, London
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- **Website:** <https://filiplivancic.com/>
- **LinkedIn:** <https://www.linkedin.com/in/filip-livancic/>

Skills

Technical Skills

- **Cloud:** GCP - Google Cloud
- **Data Analytics:** SQL | Python | Tableau | Excel
- **SQL Database:** BigQuery | Microsoft SQL Server | PostgreSQL
- **Python Libraries:** pandas | numpy | matplotlib | xlswriter | python-pptx
- **Command Line:** Shell [bash, zsh] | git | gcloud [bq, gsutil] | docker
- **Other Tools:** Linux [Arch, Debian] | Microsoft Office | LaTeX | Hugo | SolidWorks | Vim
- **Languages:** English(Native) | Croatian(Native) | French(Basic)

Work Experience

Sky - Data Visualisation Engineer

Dec 2022 - Present

- Crafting SQL stored procedures, adept at consolidating diverse data sources into the presentation layer. Employed SQL optimisation techniques to: minimize table scan size, reduce data shuffling and improve query execution times.
- Collaborating closely with business stakeholders to gain a comprehensive understanding of Sky's Broadband product offerings and leveraging Tableau reporting solutions to analyse and track the broadband customer base.
- Migrating reporting solutions from legacy data systems onto BigQuery and Tableau infrastructure in addition to adding enhancements. Data quality is thoroughly tested to maintain consistency with previous reporting solutions.
- Developing SQL versioning system using INFORMATION_SCHEMA and running daily batch to detect new or updated Stored Procedures and storing changes in table as Type 2 Slowly Changed Dimensions.

easyJet - Safety Data Analyst

Nov 2021 - Nov 2022

- Forged strong relationships with safety experts and gathered requirements to create interactive Tableau dashboards which helped increase effectiveness of safety management system.
- Created comprehensive analytics pipeline in Python featuring: 15 automated data reports feeding into 12 monthly automated PowerPoint's. Saved safety analytics department an approximate 60-70 man-hours per month vs previous process.

TUI Airways - Engineering Safety Analyst

Aug 2018 - Sept 2021

- Built Excel dashboard to maintain visibility of safety performance for the engineering department; maintaining visibility of active high risk safety occurrences and monitoring historical trends of various airworthiness/maintenance incidents.
- Facilitated investigation of over 1000 engineering occurrences to generate effective root cause analysis, and my data analysis has led to significant risk reduction of trending events in engineering through greatly improved safety barriers.

Personal Blog and Projects

Blog Website URL: <https://filiplivancic.com>

May 2022 – Present

- Actively managing personal blogging website built in Hugo framework; sharing knowledge on various hobbies and skills.
- Developing data skills using array of tooling primarily via the extensive use of Python, Linux and public data API's.

Education

City, University of London - Aeronautical Engineering (MEng)

Oct 2014 - Jul 2018

- **Overall grade:** First Class Honours
- **Scholarships:** George Daniels Scholarship - Sept 2015

St Gregory's RC Science College

Sep 2007 – Jul 2014

- **A Level's:** Physics (A), Mathematics (B), Further Mathematics (B), Chemistry (C)
- **GCSE's:** 11 GCSE's (A*-C) Including English and Math