
Filip Livancic

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- **Website:** <https://filiplivancic.com/>
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Skills

Technical Skills

- **Data Analytics:** SQL, Python, Tableau, Excel
- **Cloud:** GCP - Google Cloud
- **SQL Database:** BigQuery, Microsoft SQL Server, PostgreSQL
- **Programming:** Python(pandas, numpy, matplotlib, xlswriter, python-pptx), Shell(bash/zsh)
- **Command Line:** Debian/Arch Linux, docker, gcloud(bq, gsutil), git
- **Documentation:** Microsoft Office, Markdown, LaTeX
- **Miscellaneous:** Hugo(HTML/CSS), SolidWorks, Vim
- **Languages:** English(Native), Croatian(Native), French(Basic)

Work Experience

Sky - Data Visualisation Engineer

Dec 2022 - Present

- Creating SQL stored procedures which consolidate a wide-array of data sources into presentation layer. SQL optimised for minimised table scans, data shuffling and query execution times.
- Working closely with business stakeholders to get robust understanding of Sky's Broadband product offerings e.g.: Tableau reporting solution measuring broadband discounts apportionment over time.
- Internalising business processes to understand how transactions are processed for Broadband customers and translating business logic from legacy data systems onto BigQuery and Tableau infrastructure.
- Developing CI/CD system for SQL code development in data visualisation department using git and Google CLI tools.

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 and primarily discusses the learning/applying of 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