Filip Livancic

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Github: https://github.com/Filpill/
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Skills

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Cloud:	GCP - Google Cloud	
Data Analytics:	SQL | Python | Tableau | Excel	
SQL Database:	BigQuery | Microsoft SQL Server | PostgreSQL	
Python Libraries:	pandas | numpy | matplotlib | xlsxwriter | python-pptx | requests | cartopy	
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)	

Work Experience

Fifty Five - Senior Data Engineer   **Sept 2024 - Present**

Sky - Data Visualisation Engineer   **Dec 2022 - Sept 2024**

- Juggling multiple projects, business stakeholders and priorities to extract the most valuable insights about Sky's broadband customers through Tableau dashboards.
- Consolidating diverse data sources loaded into BigQuery through SQL stored procedures running downstream batch ETL and enabling reporting in Tableau.
- Exercising optimisation techniques to: compress storage volume, reduce table scan size, minimise data shuffle and improve query execution times.
- Migrating numerous legacy datasets onto BigQuery and embedding data quality testing to ensure consistency during development when piped into Tableau BI reporting.

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 by highlighting operational risks trending upwards.
- Created comprehensive safety data reporting pipeline in Python and replaced manual Excel-based data transformations with 15 automated data reporting solutions with the xlsxwriter library to save over 30 man-hours of effort per month.
- Feeding Python-based data pipeline into 12 monthly automated PowerPoint's with the python-pptx library and saving department over 40 man-hours per month of presentation building.

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 maintaining blogging website built with Hugo and sharing knowledge on various skills.
- Continuously developing data skills using array of tooling such as: Python, Linux and public 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