Filip Livancic

📖 **Location:** East Finchley, London

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

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Skills

☁ **Cloud:** GCP(BigQuery, GCS, Compute Engine, Cloud Scheduler, Cloud Run, Log Router, Pub/Sub, Artifact Registry)

📊 **Data:** SQL | Python | Tableau | Excel | dbt | GA4 Analytics | Airflow | Dash

⚙ **Python:** pandas | numpy | matplotlib | plotly | Dash | xlsxwriter | python-pptx | requests | cartopy

>_ **CLI:** Shell(bash, zsh) | git | gcloud(bq, gsutil) | docker | terraform

🔧 **Other Tools:** Linux(Arch, Debian) | Virtual Machines | LaTeX | Hugo | SolidWorks | Vim

🗺 **Languages:** English(Native) | Croatian(Native)

Work Experience

Fifty Five - Senior Data Engineer   **Sept 2024 - Mar 2025**

- Planning and delivering pipeline designs to spec and to schedule for clients such as: Hilton, Dyson, Cigna, and Bayer.
- Maintaining dbt models analytic pipelines, monitoring pipeline health in Airflow and array of Looker Dashboards.
- Implementing ETL pipelines: ingesting via SFTP and API's into GCS/BigQuery and monitoring health with cloud logging.
- Troubleshooting pipelines failures to determine causal factors, applying remedial actions and communicating back to clients.
- Mentoring data consultants with respect to BigQuery data transformations in order to derive web traffic channel attribution.
- Utilising CI/CD processes with Git and Terraform in order to rapidly deploy cloud resources and changes into production.

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

- Juggling projects, stakeholders and priorities to extract insights about Sky's broadband customers through Tableau.
- Consolidating data sources using BigQuery SQL stored procedures running downstream batch ETL for Tableau enablement.
- Migrating legacy datasets onto BigQuery and embedding data quality testing to ensure consistency during development.
- Applying BigQuery SQL optimisations reduce redundant data processing and lower slot time occupation.

easyJet - Safety Data Analyst   **Nov 2021 - Nov 2022**

- Forged strong relationships with safety experts and collaborated to create Tableau dashboards for monitoring safety statistics.
- Replaced Excel tasks with comprehensive reporting pipeline in Python; over 15 xlsxwriter reports to save 30 man-hours/month.
- Templating 12 monthly PowerPoint's with the python-pptx library and saving 40 man-hours/month of presentation prep.

TUI Airways - Engineering Safety Analyst   **Aug 2018 - Sept 2021**

- Excel dashboarding to monitor active high risk safety occurrences and trends of maintenance incidents across engineering.
- Investigated over 1000 engineering occurrences, generating root cause analysis and instituting preventative measures.
- Chairing the monthly Engineering Safety Action Group to communicate and manage top risks with senior management.

Blog and Projects

Blog Website URL: https://filiplivancic.com/   **May 2022 – Present**

- Comprehensive Chess Data Engineering using GCP: GCS, Compute Engine, Cloud Run, Pub/Sub, Logging and BigQuery.
  Github Link: https://github.com/Filpill/chess_analysis

- Maintaining a Hugo-based blog, and sharing insights on various data skills.
- Enhancing data skills using Cloud Tools, Python, Linux, and public APIs.

Education

City, University of London | Aeronautical Engineering (MEng) | Grade: First Class Honours   **Oct 2014 - Jul 2018**

St Gregory's RC Science College | A Level's: Physics (A), Maths (B), Further Maths (B), Chemistry (C)   **Sep 2007 – Jul 2014**