



ELIA LANZUISE

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Permanent Resident
[Australian Citizen since 2023]

SUMMARY

Detail-oriented **Junior Data Analyst** with hands-on experience in **SQL, Python, Tableau, Excel, and BigQuery** through an intensive bootcamp and applied projects. Skilled in data cleaning, visualization, and hypothesis testing to extract actionable business insights. Bringing **many years of leadership and process optimization experience as a Sous Chef**, with proven strengths in problem-solving, teamwork, and time management.

TECHNICAL SKILLS

- **Data Tools:** SQL, Python (Pandas, NumPy, Matplotlib), Tableau, Excel (PivotTables, Power Query, VLOOKUP), BigQuery, Google Analytics 4.
- **Analytics:** Data Cleaning & Transformation, Joins, Dashboard Design, Hypothesis Testing, KPI Reporting, Visualizations.
- **Professional Skills:** Process Optimization, Team Leadership, Attention to Detail, Time Management, Workflow Efficiency.

SELECTED DATA ANALYTICS PROJECTS

Customer Churn Analysis | SQL & Tableau

- Queried and cleaned 50k+ customer records using SQL to identify churn patterns.
- Built an interactive Tableau dashboard tracking churn by demographics and regions.
- Delivered insights that highlighted 3 key churn drivers, supporting a simulated 10% retention improvement strategy.

Mapping Influenza Deaths in the USA | Tableau & SQL

- Analyzed CDC influenza mortality data (2009–2017) to uncover trends by age group, region, and seasonality.
- Built an interactive Tableau dashboard with 8+ views (choropleth maps, time-series forecasts, scatterplots, bar charts) to visualize death patterns across states and demographics.
- Highlighted actionable insights for healthcare staffing, showing seniors (65+) as the most vulnerable group and identifying high-risk states such as California, New York, and Texas.
- Proposed resource allocation recommendations for hospitals to optimize seasonal staffing and reduce patient risk.

Rockbuster Stealth Data Warehouse | SQL

- Designed and queried a relational database schema using SQL.
- Built complex joins, aggregations, and subqueries to analyze rental data.
- Presented findings on customer demographics and top-performing markets to stakeholders.

E-commerce Sales Dashboard | Excel & Python

- Processed raw transaction data with Pandas, removing duplicates and outliers.
- Designed a dynamic Excel dashboard visualizing revenue trends and category performance.
- Identified seasonal demand peaks, recommending optimized stock levels.

PROFESSIONAL WORK EXPERIENCE

References can be provided upon request

Data Business Analyst | Skynet World Trade - Melbourne VIC

2023 - 2025

- Collected, cleaned, and analysed eCommerce and supply chain data to identify sales trends and inventory inefficiencies.
- Built dashboards in Tableau to monitor KPIs such as order volume stock turnover, and delivery performance.
- Provided data driven insights that improved demand forecasting accuracy and optimised operations.

Sous Chef | Various Companies and Restaurants in Milan, London, Zurich, Sydney, Melbourne

2008 - 2024

Directed daily kitchen operations and managed a team of 15+ staff in a high-pressure environment, Implemented an inventory tracking system that reduced food waste by 18%. Analyzed cost and supplier data to improve profit margins while maintaining quality. Trained and mentored staff, ensuring consistent 5-star customer satisfaction.

EDUCATION & CERTIFICATIONS

- **CareerFoundry Intensive Data Analyst Bootcamp (2024–2025)** – Covered SQL, Tableau, Python, Excel, Data Cleaning, Hypothesis Testing, Dashboards, Database Management, Machine Learning. (more info in page 3)
- **Supplementary Courses:** Statistics for Data Analysis, Economics for Data Analysis, Financial Analysis (Udemy).

Cover Letter

Dear Hiring Manager,

Transitioning from a successful hospitality career into data analytics, I bring proven problem-solving and adaptability alongside newly developed technical skills. I decided to change careers because my previous path no longer reflected the professional I wanted to become. I was seeking new challenges, growth, and a career that better matched my interests and motivations. I successfully completed the CareerFoundry Data Analytics Bootcamp, gaining a solid foundation in data analytics tools and methods, equipping me with the ability to transform complex data into actionable insights.

Through the CareerFoundry program, I developed expertise in SQL, Tableau, Python, Excel, and applied statistics. I completed multiple end-to-end projects, including building interactive dashboards, conducting hypothesis testing, and performing data cleaning and transformation on large datasets. These projects not only built my technical foundation but also sharpened my ability to communicate results clearly to non-technical stakeholders, a skill I know is essential for this role.

What excites me most about data analytics is uncovering hidden patterns that improve customer experience, optimize operations, and support data-driven decisions. My natural curiosity and problem-solving mindset have always driven me to break down complex challenges into smaller manageable steps, an approach I applied successfully in my hospitality career and now I bring into my data analytics career.

I thrive on continuous learning and growth, adapting quickly to new tools and environments. I am confident that my blend of technical training, curiosity, and adaptability will allow me to contribute meaningfully to your team from day one.

Thank you for considering my application. I would welcome the opportunity to discuss how my skills, previous career and project experience can support your company in making smarter, data-driven decisions.

Sincerely,



Elia Lanzuise

APPENDIX [BOOTCAMP CURRICULUM]

CareerFoundry Gmbh Tech Academy – Intensive Data Analytics Bootcamp [1 Year] Berlin, Germany (Remote, Global)

I have completed a tech industry recognized project-based Data Analytics program, covering SQL, Python, Tableau, Excel, statistics, and applied analytics. The bootcamp is globally recognized and provides hands-on training with industry mentors and tutors, focused on building job-ready skills through learning fundamentals, data analysis tools and methods, and real-world projects with a final capstone case study.

CareerFoundry programs are certified under German education quality standards (regulated under German law, which has strict rules for adult education providers). The certificates are numbered and recorded into the professional certificate stream (You can see the official ZFU certification stamp in the lower right corner of my certificate)

- [1] Intro to Data Analytics [10 Units]
- [2] Preparing & Analyzing Data [Excel - 10 Units]
- [3] Data Visualization & Storytelling [Tableau - 10 Units]
- [4] Databases & SQL for Analysts [PostgreSql - 10 Units]
- [5] Python Fundamentals for Data Analysts [Python, Jupyter - 10 Units]
- [6] Data Ethics & Applied Analytics [8 Units]
- [7] Advanced Analytics & Dashboard Design [7 Units]
- [8] Data Visualizations with Python [Pandas, Matplotlib, Seaborn - 15 Units]

CareerFoundry Data Analyst Program Link:
<https://careerfoundry.com/en/courses/become-a-data-analyst/>

