

Alessandro Speranza

DATA ANALYST

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A motivated self-starter and team player with excellent organizational attitudes, highly efficient with strong technical and analytical skills. Experience in cleaning, managing, manipulating, and analyzing datasets using SQL & R (tidyverse ecosystem) and data visualization with R & Tableau. Pro-active and result-oriented with excellent troubleshooting skills.

Skills

DATA ANALYTICS

- R stack - RStudio | Data Wrangling (the Tidyverse package) | Exploratory Data Analysis | Data Visualization (ggplot2, gmap, leaflet) | Text Mining | R Markdown
- Tableau (Desktop, Online) | Single reports & Dashboards
- Alteryx Designer
- Microsoft Excel
- Social Media Analysis (Twitter)

DATABASES & STORAGE

- Microsoft SQL Server 2017, Server Management Studio (SSMS), SQL Server Integration Services (SSIS), MS Visual Studio Professional 2019
- Oracle Database 11g-12c
- PostgreSQL
- Data Warehouse Methodology (Kimball)
- SQL, T-SQL, PL/SQL
- Git & GitHub version-control systems
- AWS Amazon Redshift, S3

PROJECT MANAGEMENT & TASK TRACKING

- Atlassian Jira, ClickUp
- Agile & Scrum Methodology

Work Experience

Data Warehouse Engineer | Remote

INTERAMERICAN

Athens, Greece

March 2020 - Present

- Business requirements translation to technical specifications
- SQL programming, query optimization & performance tuning
- ETL Design & Data integration (testing & troubleshooting)
- Data Quality with R (Tidyverse package)
- Markdown-formatted technical documentation
- File Management with Git

Data Analyst | Data Integration Specialist

ORACLE CORPORATION

Milan, Italy

June 2019 - October 2019

- Data Wrangling & Exploratory Data Analysis with R on WINDTRE data
- Data Integration using Oracle Data Integrator
- PL/SQL Tuning & Optimization with Oracle SQL Developer
- Files Management with Git

Data Analyst | Remote

PIPTOOK

Bristol, U.K.

May 2017 - June 2019

- Customer KPIs Analysis & Data Collection
- Data cleaning, transformation, wrangling & integration with R
- Exploratory Data Analysis & data visualizations (ggplot2 R package)
- Text Mining for keywords research with the tidytext R package
- ETL & Data Workflows using Alteryx
- Social Media Data Analysis & Network Analysis
- Dashboards & Storytelling using Tableau
- Reproducible analyses with publication-quality output (R Markdown)

Senior BI Analyst | Data Visualizer | Remote

DATAKRAFT LTD.

- Business requirements analysis
- Data Visualization and BI Dashboard/Reports implementation
- SQL - PL/SQL Programming, Testing & Troubleshooting
- High quality project deliverables for Customer Management

Dublin, Ireland

July 2015 - April 2017

Senior Data Warehouse & BI Engineer

MR HEALTHTECH

- Business requirements analysis with stakeholders and final users
- Data Warehouse Logical Model definition and Physical Model design
- DWH ETL process/workflow architecture and database objects design
- PL/SQL Programming, Best Practices, Tuning and Optimization
- PL/SQL Testing, Debugging and Troubleshooting
- BI Reporting implementation and ad-hoc analyses (Oracle OBIEE 11g)

Athens, Greece

March 2012 - June 2015

BI | Data Warehouse Solutions Implementation Consultant

ORACLE CORPORATION

- Project requirements analysis respecting the scheduled working time
- Designing and planning the ETL process
- Review of data loaded into the Data Warehouse for accuracy
- Creating and publishing reports using Oracle BI Publisher and Discoverer
- Configure, deploy and maintain Oracle BI products

Athens, Greece

January 2007 - March 2012

Data Warehouse Analyst | Developer

ING DIRECT BANK N.V

- Business requirements analysis with the end users (Finance and Marketing Dept.)
- ETL processes maintenance and database objects control
- Modelling & Reengineering business processes/rules using Oracle Workflow
- PL/SQL troubleshooting and debugging
- Customer Support on BI products (investigation, diagnosing & fixing issues)

Milan, Italy

April 2004 - December 2006

BI | Data Warehouse Senior Consultant

ORACLE CORPORATION

- Project requirements analysis and PL/SQL programming
- DWH ETL process maintenance and database objects control
- External consultants coordination

Milan, Italy

June 1999 - April 2004

Languages

English (Professional Working), **Italian** (Native), **Greek** (Upper Intermediate)

Education

Degree in Civil Engineering (108/110)

UNIVERSITY OF PAVIA

Pavia, Italy

1993

PET

CAMBRIDGE UNIVERSITY

Cambridge, UK

1998