



Cătălin-Laurențiu Rotaru

Date of birth: 21/01/1999

Nationality: Romanian

Gender: Male

CONTACT

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 <https://public.tableau.com/app/profile/rotaru.catalin> (**Tableau Public**)



europass

ABOUT ME

- **Tableau Data Analyst.**
- **Tableau Certified Desktop Specialist.**
- Creating innovative Tableau Dashboards for important across the business intelligence industry.
- Excellent communicator, highly organized, hardworking and constantly trying to add a personal touch in everything I do.
- Tableau public: <https://public.tableau.com/app/profile/rotaru.catalin>
- Tableau CV version: <https://public.tableau.com/app/profile/rotaru.catalin/viz/CVTableauversion/CV>

EDUCATION AND TRAINING

09/2022 – CURRENT Bucharest, Romania

PHD's Degree Faculty of Cybernetics, Statistics and Economic Informatics

Field(s) of study: Cybernetics and Economic Statistics

The research work focuses on the application of data analytics, predictive modeling, and quantitative methods to sustainability and economic development challenges. Key research areas include green economy, environmental sustainability, agricultural development, and the use of advanced analytical techniques to support evidence-based decision-making. Through published studies, the research explores the relationship between economic growth and sustainable practices, leveraging statistical analysis and data-driven methodologies to identify trends, evaluate impacts, and propose innovative solutions for contemporary economic and social issues. 3 Web of Science articles, 2 international journal articles, and 4 Web of Science-indexed international conference papers.

Approved to begin the thesis defense process.

Website https://www.researchgate.net/profile/Rotaru-Catalin?ev=hdr_xprf |

Thesis Quantitative models for the development of an economy based on green energy and digitalization

09/2020 – 07/2022 Bucharest, Romania

Master's degree Faculty of Cybernetics, Statistics and Economic Informatics- Applied statistic and data science

Field(s) of study: Applied Statistics and Data science

Extending the basic of statistics learned in the university - Linear Regression, Chaid, Analyse of Principal components, Discriminant Analysis, Bayesian Algorithms, Cluster Analysis, Markov Chain, Correlation Matrix etc. ;

- CRISPS methodology;
- Software and programming languages used and learned: SQL, SAS, R-Studio, Tableau, Python

Final grade 10 | **Thesis** Land use sustainability through decision engines and automated classification

2017 – 2020 Bucharest, Romania

Bachelor's degree Faculty of Cybernetics, Statistics and Economic Informatics

Field(s) of study: Statistics

- **Economics**
- **Statistics**
- **Mathematics**
- **Programming(C++, SQL DEVELOPER, MY SQL, SAS STUDIO, R)**

Own application created in Java and combined with R programming language that generated the total cost of some conventional and electric cars. Statistical

methods were used to compare the above to see which is the cost-effective solution for the future.

Presentation

<https://drive.google.com/file/d/1us-eCQZTnP2DNGrNO5Ql6JRgldayda4ZA/view?usp=sharing>

Final grade 10 | **Thesis** Cost-benefit analysis between conventional cars and electrical

2014 – 2017

High school's degree "Unirea" High school, Focșani (Romania)

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Final grade 9.40

2013 – 2014

High school's degree "Alexandru Ioan Cuza" High school, Focșani (Romania)

WORK EXPERIENCE

London Stock Exchange Group Bucharest, Romania

BI Developer

03/2023 – Current

- Assist the Business Intelligence Technical Lead and Product Manager with the design, development and maintenance of Tableau application, dashboards, and reports.
- Work with the Business Analysts Team Lead, Java Developers, End Users, System level DBAs, Sys Admins and QA teams when appropriate.
- Responsible for delivering technical documents such as Technical Designs, Specifications, Users Guides and Solution Architecture Documentation.
- Develop and support an enterprise product data warehouse and reporting environment, to deliver accurate and insightful business intelligence that advises the business to make strategic and tactical decisions and provides individuals with the information they need to perform their roles more effectively.
- Collaborate and drive data democratization and data literacy with creating and maintaining training material, running workshops and communication strategies.

Technologies:

- Tableau Server, Tableau Cloud, Tableau Prep, Tableau Content Migration tool.
- Snowflake
- Figma

Business Technology Provider Bucharest (Remote), Romania

Business or Sector Other service activities | **Department** Analytics

Data Analyst

03/2022 – 03/03/2023

- Delivered end-to-end Business Intelligence solutions, helping organizations become more data-driven through dashboard design, data modeling, and analytics. Developed Tableau and Power BI dashboards across finance, sales, telecommunications, and healthcare domains, covering KPIs, profitability, customer segmentation, churn analysis, and operational reporting. Managed Tableau Server/Cloud administration, Tableau Prep workflows, data source publishing, user permissions, and documentation. Performed SQL and Vertica data analysis, created and optimized queries and views, supported UAT activities with stakeholders, and designed dashboard mockups in Figma.
- Teaching other people by publishing videos on Youtube about how to learn Tableau

Hoist Finance AB Bucharest (Remote), Romania

Business Rules Analyst - Strategy Department United Kingdom

05/2021 – 03/2022

- Transforming business requirements into technical requirements and making changes in the blaze advisor rules engine(FICO Product) of the company by using a particular language (SRL- Structured Rules Languages) that is made up of Python, Java and SQL;
- Extracting data requirements from databases in order to fix bugs in the Rules Engine(IDE - Microsoft SQL/ Snowflake);
- Active participation in testing (Unit and UAT testing) and fixing problems after testing;
- Tableau reports;
- Creating SMS in Esendex;

- Using of Azure DevOps system of ticketing(Creating User Stories/Bug);
- Working in a multinational team across different time zones.

SC OPCOM SA Bucharest, Romania

Information Technology Specialist - Database Department

12/2020 – 05/2021

- Developing application with Spring Boot, Soap WebService and Thymleaf for the company in addition to correlate the application for electrical market with the new application, importing data from databases and added in the XML documents (IDE- IntelliJ);
- Updating the website (HTML).

LANGUAGE SKILLS

MOTHER TONGUE(S): Romanian

Other language(s):

English

Listening B2

Reading B2

Writing B2

Spoken production B2

Spoken interaction B2

French

Listening A2

Reading A1

Writing A1

Spoken production A1

Spoken interaction A1

Italian

Listening A2

Reading A1

Writing A1

Spoken production A1

Spoken interaction A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

MICROSOFT SKILLS

Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Microsoft SQL | Microsoft Azure Machine Learning

IT SKILLS

DAX | Power BI | Dbever | Snowflake | Vertica | Tableau Prep | Java | C++ | SQL Developer | Azure DevOPS | FIGMA | Power BI Services | My SQL | R | Tableau | SPSS | SAS Studio

DRIVING LICENCE

Driving Licence: B

CERTIFICATIONS

Tableau Data Analyst

https://www.credly.com/badges/a2006aba-9dd7-4336-b99c-9bdba5a54400/linked_in_profile

Tableau Desktop Specialist

https://www.credly.com/badges/4cca46d4-6ef4-4571-bbbd-2cf28733f8fc/public_url

Analyze and Model Data to Create Insights - Tableau

https://www.credly.com/badges/a726402a-40a5-43df-b60f-5fd1b27a2652/public_url

● **Connect to and Transform Data - Tableau**

https://www.credly.com/badges/47640866-d44a-444e-9a1e-0bd9977d299b/public_url

● **Create Views and Dashboards - Tableau**

https://www.credly.com/badges/2abb6e71-09c3-4bc4-be21-ea8c44a2f723/public_url

● **Explore and Analyze Data - Tableau**

https://www.credly.com/badges/7d50658a-59dd-446f-ac8e-720e3a8d9fb9/public_url

● **Explore, Analyze, and Share Data - Author - Tableau**

https://www.credly.com/badges/6ea75610-db5f-4455-8e7d-5d7ef3e9104f/public_url

● **Get Started with Tableau - Tableau**

https://www.credly.com/badges/e011bafc-7bad-4a61-8a83-ab8c3f49719e/public_url

● **Get Started with Tableau - Author - Tableau**

<https://www.credly.com/badges/60031967-c24f-4fdf-ae0e-674b0b723fcb>

● **Interact with Dashboards and Reports - Tableau**

https://www.credly.com/badges/532bba0f-c369-4df9-9cb8-cd1c982aeac9/public_url

● **Publish and Manage Content - Tableau**

https://www.credly.com/badges/8a0abc53-1a09-4bac-a492-f13a47d3abc4/public_url

COURSES

● **Tableau advanced - Tableau**

<https://verify.skilljar.com/c/mjnyb6bzyj7d>

● **Tableau Intermediate - Tableau**

<https://verify.skilljar.com/c/pp8xgf4ivs92>

● **Tableau fundamentals - Tableau**

<https://verify.skilljar.com/c/zj2qz6mk7mtq>

● **Tableau Services & Support Tableau**

<https://verify.skilljar.com/c/o3aurz4zrs63>

● **Tableau for Data science - Tableau**

<https://verify.skilljar.com/c/ae9oj5jtzgum>

● **Tableau Prep Builder - Tableau**

<https://verify.skilljar.com/c/kdr52kqcmdbj>

● **Power BI for Tableau users**

<https://learn.microsoft.com/en-us/training/achievements/learn-bizapps.power-bi-tableau.trophy?username=CatalinRotaru-5709>

● **Consume data with Power BI**

<https://learn.microsoft.com/en-us/training/achievements/learn-bizapps.get-started-using-power-bi.trophy?username=CatalinRotaru-5709>

● **Create and use analytics reports with Power BI**

<https://learn.microsoft.com/en-us/training/achievements/learn.create-use-analytics-reports-power-bi.trophy?username=CatalinRotaru-5709>

● **Distribute Power BI insights**

<https://learn.microsoft.com/en-us/training/achievements/learn.www.distribute-power-bi-insights.trophy?username=CatalinRotaru-5709>

Get and transform data with Power BI

<https://learn.microsoft.com/en-us/training/achievements/learn.wwl.get-transform-data-power-bi.trophy?username=CatalinRotaru-5709>

Get started with Microsoft data analytics

<https://learn.microsoft.com/en-us/training/achievements/learn-bizapps.get-started-data-analytics.trophy?username=CatalinRotaru-5709>

Get started with Power BI

<https://learn.microsoft.com/en-us/training/achievements/learn.wwl.get-started-power-bi.trophy?username=CatalinRotaru-5709>

Prepare data for analysis

<https://learn.microsoft.com/en-us/training/achievements/learn-bizapps.data-preparation-in-power-bi.trophy?username=CatalinRotaru-5709>

SQL for business intelligence - Udemy

Manage workspaces and datasets in Power BI

<https://learn.microsoft.com/en-us/training/achievements/learn-bizapps.manage-workspaces-datasets-power-bi.trophy?username=CatalinRotaru-5709>

Snowflake Fundamentals - Udemy

Inotech student 2022

Java for beginners - DoltAcademy

COMMUNICATION AND INTERPERSONAL SKILLS



Team spirit, increased adaptability, communication, ability to work with teams, ability to assimilate new information.

ORGANISATIONAL SKILLS



Ability to synthesize and analyze, decision-making capabilities, organizational spirit, punctuality, the ability to take decisions in stressful conditions and to meet deadlines.