POLINA BUROVA LINDEZA
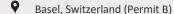
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✉ polina.v.burova@gmail.com

🌐 GitHub Portfolio
Tableau Portfolio
Linkedin

📍 Basel, Switzerland (Permit B)

ABOUT ME

Data Science postgraduate with hands-on experience in optimizing supply chain and ERP/CRM processes to drive business impact and maximize operational efficiency. Skilled in data analysis, machine learning, and cross-functional teamwork, with a strong emphasis on delivering quantifiable results and actionable insights.

Dedicated to continuous learning, I am committed to leveraging data to create practical solutions that drive business success.

EDUCATION

Data Science Postgraduate

Atlantica University
Lisbon, Portugal | 2023 - 2024

Relevant courses: Statistical Inference, Data Pre-Processing, Exploratory Data Analysis, Data Extraction (API), Machine Learning, MLOps.

Management Bachelor's Degree

Lisbon School of Economics and Management (ISEG)
Lisbon, Portugal | 2015 - 2018

Exchange Semester: Southwestern University of Finance and Economics (SWUFE), Chengdu, China | 2017 - 2018

IT SKILLS

- **Programming**: Python, SQL
- **Data Visualization:** Tableau, PowerBI, Google Analytics
- **ML Framework:** Scikit-learn, TensorFlow(basic)
- **Deployment**: FastAPI, MLflow
- **Data Processing:** Pandas, NumPy, Databricks
- **Cloud**: Salesforce, MS Azure Databricks, Oracle, SAP
- **Database**: SQL, MySQL
- **Data Tools:** Excel, Jupyter Notebook, VS Code, Google Colab, Postman
- **DevOps & CI/CD:** Familiarity with CI/CD concepts
- **Project Management:** Jira
- **Version Control:** Git, Github

CORE COMPETENCIES

- Data Analysis & Visualization
- Machine Learning
- Data Preprocessing & Feature Engineering
- Statistical Analysis
- Database Management
- Project Management
- Problem Solving
- Communication & Collaboration
- Customer Service
- Continuous Improvement

LANGUAGES

Native: Portuguese and Russian
Fluent: English
Intermediate: Spanish
Basic: French and German

WORK EXPERIENCE

First Solar l Frankfurt, Germany l 2021 - 2024
Operations and Business Analyst

- Created real-time KPI dashboards and forecasts by analyzing CRM/ERP data using Tableau, Salesforce, and Oracle, enhancing decision-making and supporting executive leadership.
- Optimized supply chain processes by automating shipment and inventory reports during an ERP transition, resulting in a 30% improvement in data accuracy and faster decision-making across cross-functional teams.
- Developed automated Excel/PowerBI calculators and dashboards for real-time commodity index pricing, reducing manual processing time by 60% and significantly enhancing cost tracking accuracy.
- Managed customer relationships and oversaw PV project management for aftersales, enhancing customer satisfaction.

Emma the Sleep Company l Frankfurt, Germany l 2020 - 2021
Data Analyst Intern

- Created ad-hoc sales reports and market trend analyses using Google Analytics and Tableau, delivering actionable insights for the marketing team.
- Analyzed customer behavior and socioeconomic data to develop targeted marketing strategies and optimize website content for SEO, resulting in a 20% increase in sales in emerging markets and enhanced personalized customer engagement.
- Designed and executed A/B tests using Oracle, optimizing email marketing strategies and increasing click-through rates by 12%.

Star Alliance l Frankfurt, Germany l 2020
Loyalty Intern

- Supported loyalty program projects and audits to ensure compliance with alliance standards.
- Conducted benchmark studies among 26 member airlines, generating detailed reports and KPIs to inform strategic decisions.
- Collaborated internationally with stakeholders and vendors to develop a travel information app, informing over 1 million customers about COVID-19 safety measures and enhancing customer trust and engagement.

Accenture l Bucharest, Romania l 2019 - 2020
Transaction Processing Analyst

- Administered customer and supplier transactions through SAP ERP tools, ensuring accurate and timely processing.
- Reduced backlog of high-volume cases from 800 to 300, achieving a 63% decrease within two months.
- Managed customer portfolios, meeting cash collection targets and resolving discrepancies through detailed data analysis.

PROJECTS

Savings Account Subscription Prediction

Developed a machine learning model to predict customer subscriptions to savings accounts, optimizing marketing efforts and reducing bank costs. Tools utilized: Python, Scikit-learn, MLflow, and FastAPI.

- Applied exploratory data analysis and feature engineering to clean and prepare data.
- Implemented multiple algorithms, including Logistic Regression, Random Forest, and Neural Networks.
- Deployed the best performing model using FastAPI, enabling real-time predictions.
  Accomplishments:
- Improved model accuracy and reduced bank costs by 30%.
- Successfully deployed a real-time prediction API, enhancing marketing campaign efficiency.

Azure Data Engineering Project

Developed a scalable data engineering pipeline on Microsoft Azure for ingesting, processing, and analyzing the Tokyo Olympics dataset. Tools utilized: Azure Data Factory, Azure Databricks, Azure Synapse Analytics.

- Created and configured storage containers for raw and processed data.
- Designed and implemented a Data Factory pipeline to ingest data from an API.
- Used Databricks for data cleaning and transformation, followed by loading data into Synapse Analytics for SQL based insights