Nata
Senior Data Engineer with BI skills

SUMMARY

- Oriented Data and Business Intelligence Analysis engineer with Data Engineering skills (SQL, Airflow). - 6+ years of experience with Tableau (Certified Tableau Engineer) - Experience in Operations analysis, building charts & dashboards - 20+ years of experience in data mining, data analysis, and data processing. Unifying data from many sources to create interactive, immersive dashboards and reports that provide actionable insights and drive business results. - Adept with different SDLC methodologies: Waterfall, Agile SCRUM - Knowledge of performing data analysis, data modeling, data mapping, batch data processing, and capable of generating reports using reporting tools such as Power BI (advanced), Sisence(Periscope) (expert), Tableau (Advanced), Data Studio (Advanced) - Experience in writing SQL Queries, Big Query, Python, R, DAX to extract data and perform Data Analysis - AWS, Redshift - Combined expertise in data analysis with solid technical qualifications. - Advanced English, Intermediate German - Location: Germany

TECHNICAL SKILLS

Main Technical Skills	Apache Airflow, Python (6 yr.), SQL (8 yr.), Power BI, Tableau (6 yr.)
Programming Languages	Python (6 yr.), R (2 yr.)
.NET Platform	Azure
AI & Machine Learning	Machine Learning
Data Analysis and Visualization Technologies	Apache Airflow, Artificial neural networks for forecasting, Azure Data Factory, Azure Data Lake Storage, Azure Synapse Analytics, Business Intelligence (BI) Tools, clustering problem solving, Databricks, Decision Tree, K-Means, k-NN, Linear Regression, Microsoft Purview, Pentaho Data Integration (Pentaho DI), Periscope, Power BI, Random Forest, Regression, Tableau (6 yr.)
Databases & Management Systems / ORM	AWS Redshift, MySQL, Oracle Database, PostgreSQL, Snowflake, SQL (8 yr.), T-SQL
Cloud Platforms, Services & Computing	Azure
Amazon Web Services	AWS Redshift
Azure Cloud Services	Azure Data Factory, Databricks
Google Cloud Platform	Google Data Studio
Methodologies, Paradigms and Patterns	Agile, Scrum, Waterfall

Collaboration, Task & Issue Tracking	Jira
Platforms	Odoo

EXPERIENCE

Operations Data Analysis w. BI, reports & charts development, Amazon e-Commerce Marketplace Aggregator

May 2020-present

Description: Designed and built data models (Redshift, SnowFlake), charts, and dashboards in Power BI and Periscope, responsible for being the source of truth for data that is core to the business and is leveraged by teams across the company. Worked closely with other teams (Supply Chain and Data Warehouse teams) to standardize data representations and visualizations.

Technologies: PostgreSQL, Redshift, Snowflake, Periscope, Tableau, Power BI.

Senior Data Engineer, Digital Hub Services Department (Automotive)

December 2019-May 2020

Description: Creating a Data lake and building reports for different levels of the Marketing department which provide analytical insights for all levels of data (starting from lead generation and ending with Customer Journey).

Responsibilities: Creating data pipelines for data ingestion, data pre-processing, performing requirement elicitation, building reports:

- Performed requirement elicitation, Developed User Requirements Specification. KPI matrix , Extensive data manipulation and analysis (Excel, Excel for Statistics, SQL),
- Processing large amounts of data including facts, figures, and number crunching, Data entry and auditing
- Compiling and organizing data from different Data Sources (DataLake, Excel Pivot Tables and CSV files etc.),
- Ensuring data accuracy and data integrity,
- Identifying trends and patterns of information,
- Data reporting, data visualization and Infographics creation,
- Applying statistical techniques and translating the results into information required by stakeholders,
- Created Reporting System for Marketing Department,
- Created Data Model and support for permanent data updating,
- Played mentor role for Stockholders in questions related to reports.

Key achievement: Created 10+ reports for different levels of marketing department that provide analytical insights for all levels of leads (starting from lead generation and ending with Customer Journey).

Technologies: Pentaho DI, Python, PostgreSQL, Oracle, Power BI, Tableau, DAX.

SOFTWARE ENGINEER, DA AND BI ANALYST, EPAM SYSTEM.

Software Engineering | 3.76 Billion,$ Turnover (2021) | ~58.800 empl. (2021)| US

05/2018 - 03/2020

CUSTOMER: Dow Jones, Business Information and Media

Conducting data analysis over the course of the 1st party data project which was aiming to assist Ads in supplying the data for building audience segments - perform DB research (CDP system, BigQuery) - BOK (book of knowledge): Source Factsheets, Source Data Analysis documentation - DG 1st party data usage restrictions and guidelines.

Data Scientist, Data Business Analyst, BI Analyst, QArea

December 2017-November 2019

Description:

Performed requirement elicitation, Developed User Requirements Specification, KPI matrix, Created Integrated Report System with Power BI tool, Played mentor role for Stockholder's in questions related to Marketing/Staffing/Bench reports.

- Code quality control: Github analysis. Data analysis and data mining. Visualization.
- Business and Data Analysis: CreatingMarketing and Finance Integrated Report System: analyzing and extracting information from large amounts of both structured and unstructured data to help automate and optimize key processes design structured, multi-source data solutions to deliver dashboards and reports, built metrics and KPIs analytic dashboards.
- Key achievement: Created 20+ reports that help to make a decision for different departments and management levels.

Data scientist, PerceptionBox

June 2017–November 2017

Description: Market analysis. Creating APIs for sentiment analysis and Personality Insights analysis.

Classifications: Mood and investment performance; Personality traits and Investment Performance; Behaviour finance.

Data scientist, Visiquate company

November 2014 –May 2017

Description: Data analysis and data mining. Development of algorithms for predicting: total payments. Tools Hybrid ARIMA Model for Time Series Prediction and Artificial Neural Network Multilayer Perceptron, R-language; denials.

Technologies: Random Forest Machine learning algorithm, Python.

Senior Research Assistant, National University for Radio and Electronics

September 2006 — December 2015

Description: Development of algorithms and neural network architectures for control systems and processes Adaptive, neural network, real-time systems; including problems related to identification, forecasting, clustering, diagnostics, and fault detection in technical, economical, medical, and ecological objects. Achievements: are reflected in publications (total of 42).

Post-doctoral researcher, Knowledge Media Laboratory, Graduate School of Engineering, Hokkaido University, Sapporo, Japan

October 2004 — November 2006

Description: Developing an agent-based system technology that combines principles of logic programming and fuzzy logic. Implementation: a task of Therapy Planning in clinical trials.

Project Coordinator (part-time), Germany

September 2001- August 2003

Description: Project management of software product development for Hotel solution development and sales

Responsibilities: product concept development

EDUCATION

- **PhD Research work, DAAD Stipendium, Faculty of Computer Science and Automation**
- 2001 – 2002
- TU Ilmenau (Germany)
- **State Technical University for Radio and Electronics (Ukraine)**
- Control Systems and Processes, Ph.D.
- 2001
- **State Technical University for Radio and Electronics (Ukraine)**
- Computer Science, M.Sc.
- 1997

CERTIFICATES

- **Microsoft Power BI Data Analyst (PL - 300)**
- 2023
- **Python for Data Science, LABA**
- 2022
- **Business Analysis, LABA**
- 2020
- **Advanced Power BI, LABA**
- May 2019
- **Certificate of Completion The Complete SQL Bootcamp**
- December 12, 2018
- **Tableau 10 A-Z: Hands-On Tableau Training For Data Science**
- February 22, 2018
- **Cambridge English FCE**
- June 08, 2019

ACADEMIC HONORS AND AWARDS

- **DAAD (German Academic Exchange Service)**
- Technical University, Ilmenau, the Faculty of Computer Science and Automation, Postgraduate student, 2001-2002

LANGUAGES

- German B2
- English C1