Tomislav Malis

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ABOUT ME

I am a **Microsoft Certified Azure Enterprise Data Analyst Associate** and **Power BI Data Analyst Associate**, as well as a **Data science professional**.

My **Project management** experience and work across various domains have helped me develop a strong understanding of what needs to be tracked and planned.

I am most comfortable working with Microsoft Power BI, the Power Platform, and Microsoft BI solutions in Azure. My project management background supports my efficiency and structured approach to work.

- Power BI (Power Pivot - DAX, tabular data modeling; Power Query, Power BI dataflows - M, ...)
- Azure platform (Azure Synapse, Azure Data Factory, Logic Apps...) + SSDB, SSIS, SSAS, SSRS, ...
- Power Platform - Power BI, Power Automate, Power Apps, …
- Azure ML, Azure Document Intelligence, LLM (ChatGPT, Claude, Gemini, Llama, Perplexity)
- Expert Excel + VBA, Tableau, Qlik Sense
- DAX, M, SQL, TMDL, Python, R, PowerShell, JavaScript
- UIPath Robotic Process Automation
- Celeonis

After two decads of work experience managing time, people, money and creating BI tools to improve performance and revenue, I feel my worth is test proven.

Some of companies I worked for in recent period:

Norsk Hydro (Norway) – current
Gradska plinara Zagreb – Opskrba d.o.o. (Zagreb, Croatia)
Swiss Re (Zurich, Switzerland) – as part of **Cognizant**
Raiffaisen Bank International AG (Vienna, Austria),
Price Holdings Inc (California, USA),
Rodasco Corporation (New York, USA),
Zagreb Holding Ltd (Zagreb, Croatia)
Edura P/S (Copenhagen, Denmark),
Kauf Services and Solutions LLC (Texas, USA),
Oneiric Search (Amsterdam, Netherlands),
Predit d.o.o. (Croatia) – support for **Coca Cola, Ornua** PBI reporting
Tifon d.o.o. (Zagreb, Croatia),
PROFESSIO ENERGIA d.d. (Zagreb, Croatia),
Poslovna učinkovitost d.o.o. (Zagreb, Croatia),
AVIOKARTE Ulix d.o.o. (Zagreb, Croatia),
Upwork Global

EDUCATION AND TRAINING

MEng C.E (Master of Engineering in Civil Engineering)

- *University of Zagreb* [01/09/1994 – 01/04/2002] **Address:** 10000 Zagreb (Croatia)

Electronics Technician

- *Secondary School for Electronics "Rudjer Boskovic"* [01/09/1990 – 01/09/1994] **Address:** 10000 Zagreb (Croatia)

LANGUAGE SKILLS

Mother tongue(s): **Croatian**

Other language(s): **English** LISTENING C2 **READING** C2 **WRITING** C2 **SPOKEN PRODUCTION** C2 **SPOKEN INTERACTION** C2

German LISTENING A2 **READING** A2 **WRITING** A2 **SPOKEN PRODUCTION** A2 **SPOKEN INTERACTION** A2

DIGITAL SKILLS

Microsoft Power Platform (**Power BI, Power Apps, Power Automate, …**)
Office automation Microsoft Office / Microsoft office/ Office 365 / Business Intelligence (**Power BI, Power Query, Power Pivot**)
Business Intelligence Stack Microsoft (Azure, SSDB, SSMS, SSDT, SSRS, SSIS, **SSAS - Tabular**), **Excel** VBA Macros (high proficiency)
Data Science: **Data Analysis, Data Exploration, Data Wrangling, Data Visualization**, Machine Learning, **Celonis Process Mining**
Automated document and data processing, OCR and barcode image recognition using PowerShell, Python, Adobe Acrobat
LLM usage: ChatGPT, Claude, Gemini

- Microsoft Certified: Power BI Data Analyst Associate (PL-300)
- Microsoft Certified: Azure Enterprise Data Analyst Associate (DP-500)
- Microsoft Professional Program - Data Science
- DAT102x: Microsoft Professional Capstone : Data Science
- DAT101x: Data Science Orientation
- DAT201x: Querying with Transact-SQL
- DAT203.1x: Data Science Essentials
- DAT204x: Introduction to R for Data Science
- DAT207x: Analyzing and Visualizing Data with Power BI
- DAT209x: Programming with R for Data Science
- DAT203.2x: Principles of Machine Learning
- DAT213x: Analyzing Big Data with Microsoft R
- DS101X: Statistical Thinking for Data Science and Analytics
- DAT102x: Microsoft Professional Capstone : Data Science
- DataCamp: R programming course
- DataCamp: Importing Data in R
- DataCamp: Writing Functions in R Course
- DataCamp: Intermediate R - Practice Course
- DataCamp: Intermediate R
- DataCamp: Introduction to R
- UiPath Robotic Process Automation Developer Foundation
- UiPath Robotic Process Automation Orchestrator 2016.2 Training
- UiPath Robotic Process Automation SAP Training

DRIVING LICENCE

Driving Licence: B

PROJECTS

Power BI reporting for Hydro Norsk, Norway

[18/9/2023 – current]

Creating Power BI reports and infrastructure used for worldwide plants productivity tracking, logistics, revenue, sales, production , budget controlling, as part of business improvement and production monitoring process (projects Top 10 management reports, ARGUS OPEX, SAPEX).
All needed from connecting and transformation of large volume data through Power Query; to modeling and creating measures, KPI's and visual data representations.
Sources used: Snowflake, Datasfere, SQL Server Database, Azure Data Lake, Sharepoint, ...
Technologies used: **Power BI** (import, live, direct query, composite models; Power BI deployment pipeline) and tools (Power BI Desktop, DAX Studio, Tabular Editor, ALM Toolkit, Measure Killer), Jira, languages (**DAX, M in Power Query, SQL, Java Script, C# in Tabular Editor, TDML**), **Microsoft 365**

Power BI reporting for Swiss Re, Switzerland (Cognizant)

[12/7/2022 – 31/8/2023]

Creating Power BI reports used in Cyber security departments, as part of detection and monitoring process. All needed from connecting and transformation of large volume data through Power Query, Power BI Dataflows, Azure Data Factory; to modeling and creating measures, KPI's and visual data representations. Automation using Power Automate, Azure Logic Apps was also used for maximum efficiency. API connections using custom M scripts were built in Power Query. Creating shared outlook mailbox PBI reports to be used as process improvement tool.
Technologies used: **Power BI** (Power BI dataflows, Power BI deployment pipeline) and tools (Power BI Desktop, DAX Studio, Tabular Editor, ALM Toolkit, Visual Studio), **Azure platform** (Azure Data Factory, Azure Storage, Azure Logic App, Azure SQL database) and tools (SSMS, Azure Data Studio), Jira, GitHub, languages (**DAX, M in Power Query, SQL, KSQL, Java Script, Powershell**), Citrix, **Microsoft 365**
Certifications for cyber data risk management were acquired, as part of internal mandatory education.

Power BI reporting for Raiffaisen Bank International, Austria

[15/11/2021 – 30/6/2022]

Creating Power BI reports used in Compliance and Anti money laundering departments, from connecting and transformation of large volume data through Power Query to modeling and creating measures, KPI's and visual data representations. Automation using Power Automate was also used for maximum efficiency.

Technologies used: **Power BI (**Power BI dataflows, Power BI deployment pipeline) and tools **(**Power BI Desktop, DAX Studio, Tabular Editor, ALM Toolkit, Visual Studio**), Azure platform** (Azure Storage), **Power Automate** and tools **(**SSMS, Azure Data Studio**),** Jira, GitHub, languages (**DAX, M in Power Query, SQL, Java Script,** ..)

Power BI reporting and automation for TaxRise Ltd, California USA

[01/09/2019 – 01/02/2021]

Creating Power BI reports used in sales and marketing department, from connecting and transformation of large volume data through Power Query to modeling and creating measures, KPI's and visual data representations. Automation using Power Automate, UiPath was also set for maximum efficiency. Data mining using Celonis was performed for better understanding of processes in company.

Technologies used: **Power BI** (Power BI dataflows) and tools (Power BI Desktop, DAX Studio, Tabular Editor, ALM Toolkit, Visual Studio), **Azure platform** (Azure Data Factory, Azure Storage), **SQL Server database, SSAS, SSIS, Sharepoint Online** and tools (SSMS, Visual Studio), Jira, GitHub, languages (DAX, M in Power Query, SQL, Java Script, ..), **Power Automate, Ui Path RPA, Celonis**

Power BI reporting for city housing project, Zagreb Holding Ltd, Croatia

[21/06/2016 – 02/05/2018]

Large scale construction project where Power BI was used to present construction progress, and manage sales of flats. For this report I was called to Microsoft's conference WinDays17 to present report that I created.

Technologies used: **Power BI**, Power Query, DAX, Microsoft Forms, 360° camera usage, GIS, **synoptic tool**, **Power Automate**

Owner of Business Intelligence specialized business

Business Intelligence Expert Ltd [01/03/2022 – Current]

City: Zagreb
Country: Croatia

Services related to Business Intelligence, Robotic Process Automation, Process Mapping, Data Mining (Azure BI, Power BI, Power Pivot, Power Query, MS SQL Server, SSIS, SSAS, Azure, Analysis Service, Power Automate, Office365, Ui Path, VBA, expert Excel)

Owner of Business Intelligence specialized business

PBI expert [01/03/2019 – 01/05/2022]

City: Zagreb
Country: Croatia

Services related to Business Intelligence, Robotic Process Automation, Process Mapping, Data Mining (Power BI, Power Pivot, Power Query, MS SQL Server, SSIS, SSAS, Azure, Analysis Service, Power Automate, Office365, Ui Path, VBA, expert Excel)
-working for large banks and financial companies as external business intelligence developer / architect

Power BI, Expert Excel, VBA, Power Pivot lecturer

Business Efficiency Ltd [01/12/2017 – 01/05/2022]

City: Zagreb
Country: Croatia

Leading trainings for Power BI, Power Pivot, Power Query, VBA, expert Excel

Business Intelligence Developer

Upwork [01/08/2013 – 16/05/2022]

City: Zagreb
Country: Croatia

Working for various fields (IT, financial sector, sales, marketing, technical operations, ….) on developing business solutions and analysis / reporting tools, often under NDA
▪ 100+ finished projects of various size
▪ 25% of returning customers
▪ Power BI project where net value of financial models passes 480mil$ (airplane financing / renting company)
▪ Developing financial analysis /reporting / forecasting Power BI for multinational car leasing company
▪ Fixing financial models for Swedish Transport Administration – building of fast railway $20.13bn
▪ Developing Power Query model for fast integration of various sources of ERP reports (Debt collecting company)
▪ Building full solution for GIS related scheduling of work where Robotic process automations are integrated with Power BI on Virtual Machine (US based, medium size company)
▪ Developing nonlinear multivariable regression price optimization Excel Power Query / VBA model for large taxi company
▪ Building Tableau analysis / presentation for US based waste to energy company

Project manager
Zagreb holding Ltd [01/03/2013 – 16/05/2022]

City: Zagreb
Country: Croatia

▪ Managing large value investments (construction, infrastructure)
▪ Tracking projects
▪ Leading project teams
▪ Doing advanced analytics for various company sectors (financial, operational)

CTO
Zagreb Holding Ltd - branch Zagreb Roads [01/01/2011 – 01/03/2013]

City: Zagreb
Country: Croatia

▪ 45mil€ of year revenue
▪ Managing 500 employees, all technical operations, and everything that is tied with planning of procurement and billing of works done
▪ Planning, executing, tracking of large value investments (construction, infrastructure)
▪ Doing advanced analytics for company (financial, operational)

Head of Operations Unit Signaling and Traffic Lights
Zagreb Holding Ltd - branch Zagreb Roads [01/03/2008 – 01/01/2011]

City: Zagreb
Country: Croatia

▪ Producing equipment, building and maintaining city of Zagreb 2450km of horizontal and vertical road signaling equipment, 400+ automated traffic light regulated crossroads
▪ Managing 150 employees, all technical operations, and everything that is tied with planning of procurement and billing of works done
▪ Planning, executing, tracking of work
▪ Doing advanced analytics

Civil engineer
Zagreb holding Ltd [01/04/2002 – 01/03/2008]

City: Zagreb
Country: Croatia

▪ Planning, tracking of large value investments (construction, infrastructure)
▪ Doing advanced analytics for company (financial, operational)