# Matheus Brizolla de Carvalho Tosetto

https://linkedin.com/in/matheus-brizolla

22848645+mathTosetto@users.noreply.github.com

## Summary

Professional with over 9 years of experience in the data field, spanning diverse industries such as healthcare, financial banking, big tech, and insurance. Highly collaborative and skilled in analyzing data to drive problem-solving and maintain robust infrastructure. Curious, adaptable, and easygoing, I am always open to new challenges and committed to bringing out the best in myself and my colleagues.

## Experience

### AXA, Dublin - Ireland

**Data Engineer**                                                    **Aug 2023 - Present**

- Collaborated with a Data Scientist to develop an Azure ML workspace, enabling claim holders to settle claims early and achieve significant cost savings.

**Systems/Tools:** Python, Azure, MLops, SQL Server, DevOps.

### Aspiegel (Huawei), Dublin - Ireland

**Data Analyst**                                                    **Sep 2022 - Jul 2023**

- Increased the download rate of 3 gaming applications by 12% after analyzing and redirecting advertisements to audiences with a higher propensity for the subject matter;
- Developed Python automation that checks 30+ daily processes, sending metrics used in an internal performance report created in FineBI (similar to Tableau);
- Collaborated with SRE analysts in Germany on the migration of 50+ processes to servers in Ireland, resulting in improved process performance.

**Systems/Tools:** Linux, Microsoft Office 365, Python, Hadoop Ecosystem (Hive, Beeline), FineBI, Draw.io, GitLab.

### Itaú Unibanco S.A, São Paulo - Brazil

**Data Engineer**                                                    **Feb 2021 - Apr 2022**

- Increased the company's brand marketing by 5% through a partner rewards system developed in Python. The system collected data from 5 different sources and performed point calculations;

- Initiated a project with 4 Data engineers to modernize data by migrating it to the cloud. Assisted in building services such as S3, Redshift, and Glue, and successfully performed the initial data uploads to the cloud bucket;
- Modernized 5 legacy pipelines built in IBM DataStage to Hadoop, in preparation for migrating all on-premises data from the department to the AWS data lake.

**Data Analyst**                                                              **Aug 2018 - Jan 2021**

- Improved the card inventory process by migrating it from Hadoop to a SQL Server Data Warehouse, resulting in a significant reduction in execution time from 2 hours to 15 minutes;
- Analyzed with a senior colleague the card production databases using Python and identified an opportunity to reduce costs by minimizing the use of inks for card coloring. After presenting our findings to other managers and implementing the project, we achieved a monthly cost reduction of 2M reais;
- Identified an opportunity to increase customer contact rate through analysis conducted in Python, focusing on email quality. Collaborated with the call center to initiate contact and update information, resulting in a 15% increase in success rate after 2 months.

**Systems/Tools:** Linux, Microsoft Office 365, SAS, IBM Maximo, SQL Server Management Studio (SSMS), SQL Server Integration Services (SSIS), Python, Tableau, IBM Datastage, Draw.io, GitLab, JIRA, AWS Tools (S3, RDS, Lambda, Glue), Hadoop Ecosystem (Hive, Impala).

## Education

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**Universidade Presbiteriana Mackenzie,** São Paulo - Brazil       **Jan 2014 - Nov 2018**

- Bachelor in Information System

## Certificates

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| ● Apache Airflow Fundamentals | **Feb 2025** |
| ● DataExpert: Data Engineer Bootcamp | **Jan 2025** |
| ● Microsoft: Azure Data Engineer Associate | **Sep 2024** |
| ● Databricks Lakehouse Fundamental | **Sep 2022** |
| ● Data Warehouse AWS | **Jun 2021** |

## Languages

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- Native Portuguese
- B2 English