



Tomás von Bischoffshausen

Senior Business Data Analyst

More than seven years of experience in strategic cabinets in the public and private sector.



Personal Info

Email:

tomasvbg@gmail.com



Skills

Business Analysis	● ● ● ● ●
BI RoadMap	● ● ● ● ●
SQL	● ● ● ● ●
Python	● ● ● ● ●
Exploratory Data Analysis	● ● ● ● ●
Supervised ML	● ● ● ● ●
Unsupervised ML	● ● ● ● ●
Microsoft Azure	● ● ● ● ●



Languages

Spanish	● ● ● ● ●
English	● ● ● ● ●



Work Experience

Product Manager / Business Data Analyst

January 2019 - August

Octano

2020

In charge of building new products and partnerships for the different business areas of the company. In this context, the commercial partnership achieved with the technology services company Global Services (ERP attached to public accounting standards) stands out. In this framework, my work involved the search for commercial prospects (USD 2MM closed in 2020); the analysis of the ERP data model in order to generate relevant documentation for Octano's operational teams; the creation of material related to the project management of the total implementation of the ERP in a Public University of Chile; the definition of metrics for the development of BI dashboards for the senior financial management of the University; the design of the data model for the creation of a new academic management module to be incorporated into the ERP; and the development of a marketing proposal for products associated with data analytics and data science.

Product Manager / Business Data Analyst

January 2018-December

Genau Group

2018

In charge of awarding public funds to one of the companies of the group: Octopass (ticketing services), creating a new digital product, the "Digital Cash" application. In this framework, I assumed the coordination with the Incubatec UFRO Business Incubator, in charge of guiding us in the design of a business model and the creation of an MVP that would allow us to finance a first stage of development. Specifically, my work involved the design of the business model; the creation of the data model; and the creation of sketches of graphical interfaces of the application. The funds were awarded to us (USD 100M).

Research Assistant: Data Analyst

August 2017 - December

The World Bank

2017

Within the framework of the consultancy "Strategic Plan Educational System Government of Honduras 2017-2030", my work involved the analysis of data related to the education sector of Honduras; the reformulation of the logical framework presented by the PESE 2017-2030 strategy; and the presentation of data highlights through the drafting of the executive summary of the Strategic Plan.

Advisor: Data Analyst for Strategic Communications

March 2014 - June 2017

Chilean Ministry of Education

Within the framework of the development of the educational reform of the Chilean government, I served as strategic communication advisor to the Minister of Education and the Head of the General Education Division, which involved the collection, analysis and presentation of data, in order to promote political decisions and contribute to the communication of the laws in process.

Applied Data Science Full Time BootcampMarch 2021 - December
2021*Acamica*

Programming - Python, Numpy, Pandas, Matplotlib, Seaborn- Exploratory data analysis - Classification and regression - Chart types - Trees, KNN, linear regression, logistic regression - Evaluation metrics - Train / Split test - Statistical fundamentals - Interpretation of models - Statistics - Bayes' Theorem - Ensembles, SVM, Naive Bayes, Neural Networks - Optimization of parameters - Interpretation of models - Features engineering - Image Analysis - Time Series - Natural Language Processing - Recommendation Systems - A / B Testing - Parameter estimation and function adjustment - Hypothesis test - Sampling methods - Linear and quadratic discriminant analysis - Putting into production - Minimum squares, maximum likelihood - Statistical significance, effect size, P-value.

Diploma in Professional PythonMarch 2020 - January
2021*Pontificia Universidad Católica de Chile*

Data analysis, processing and visualization - Linear regression - Logistic regression - Polynomial regressions - Regressions with penalty - Decision trees - Random forests - Naive Bayes - Nearest neighbor - Neural networks - K-means - Clustering - Autoencoders - Fundamental concepts of the database - The relational model - The standard SQL query language - Direct interaction with a relational database using SQL - Python connectors and libraries for working with relational databases - Direct extraction of information from a Python program - Modification and removing information from Python database - The document model - The JSON format - Interaction with a document database from a python program - HTML and CSS - HTTP - MVC / T architecture - Django - REST APIs - Django REST Framework - Classes, objects, attributes and methods - Interaction between objects - Use of existing modules and libraries.

Diploma in Applied AccountingMarch 2010 - December
2014*Universidad Diego Portales*

- Business structure
- Accounting Processes
- Accounting Documentation
- Accounting Regulations
- Financial Information
- Financial Management Indicators

Political ScientistJanuary 2010- December
2014*Universidad Diego Portales*

- Economics
- Research methods
- International relations
- Public policy
- Political theory