

# José Miguel Vilches Fierro

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*Dynamic Data Analyst with a strong foundation in data visualization, data bases and an appetite for solving problems through attention to detail, integrity and accuracy when providing data-driven insights. Strong analytical and data interpretation skills and excellent communication skills.*

## Skills

<i>Programming</i>	Python (Pandas, NumPy, scikit-learn, Pytorch), SQL (Oracle, Big query), Java, C.
<i>Analysis Techniques</i>	Exploratory Data Analysis, Predictive Modeling, Random Forests, Hypothesis Testing, A/B Testing
<i>Tools</i>	PowerBI, Tableau, Looker, Jira, Excel, Spss Modeler, Jupyter Notebook, Excel, Google Cloud, Google Analytics, Google tag manager.

## Professional Experience

<i>Remotly</i>	<b>Uprofit</b>
<i>Oct 2023 - Present</i>	<b>Freelance - Data Analyst</b> Develop sales dashboards Use Python and BigQuery to gather data Install Google Analytics 4 and Google Tag Manager
<i>Santiago, Chile</i>	<b>Data Factory - Falabella Financiero</b>
<i>May 2021 - Jul 2022</i>	<b>Reporting Engineer</b> Foster added value and support decision-making through data. Deep understanding of the data and the business context in which it is used. Develop descriptive dashboards with customer focus. Promote information accessibility and self-service.
<i>Santiago, Chile</i>	<b>Banco Falabella</b>
<i>Jan 2019 - Apr 2021</i>	<b>Reporting Engineer</b> Develop customer-focused business reports. Help inform business decisions and identify opportunities for improvement. Continuously improve reporting processes.
<i>Apr 2016 - Jan 2019</i>	<b>Management Control Engineer</b> Ensure the accuracy and security of the incentive payment database. Generate and deliver daily sales report. Maintain and optimize automated processes. Monitor and troubleshoot these processes, as well as identify opportunities for improvement.

## Education

<i>Valparaíso, Chile</i>	<b>Pontifica Universidad Católica de Valparaíso</b>
<i>Mar 2013 - Jul 2014</i>	<b>Master in Computer Science</b> Thesis: Resolution of the Set Covering Problem using the Firefly Metaheuristic.
<i>Valparaíso, Chile</i>	<b>Pontifica Universidad Católica de Valparaíso</b>
<i>Mar 2009 - Jul 2012</i>	<b>Bachelor in Computer Science</b> Thesis: Application of Web Usage Mining to the EMOL.COM web platform (K-means). Relevant Coursework: Probability & Discrete Mathematics, Data Structures & Algorithms, Linear Algebra.
<i>Online</i>	<b>Certifications</b>
<i>Mar 2024 - Jul 2024</i>	<b>Google Advanced Data Analytics Professional Certificate</b>
<i>Jul 2024 - Sept 2024</i>	<b>Stanford &amp; Andrew Ng Machine Learning Specialization</b>