

Fausto Lopez

Data & Analytics Manager

Personal Info

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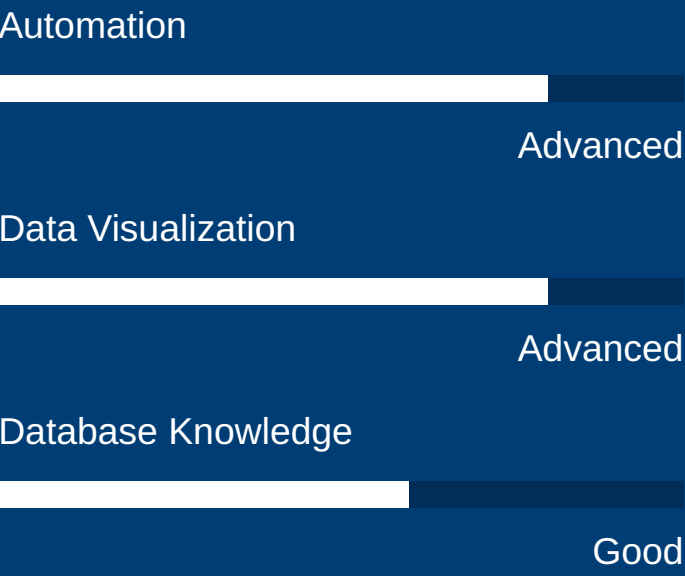
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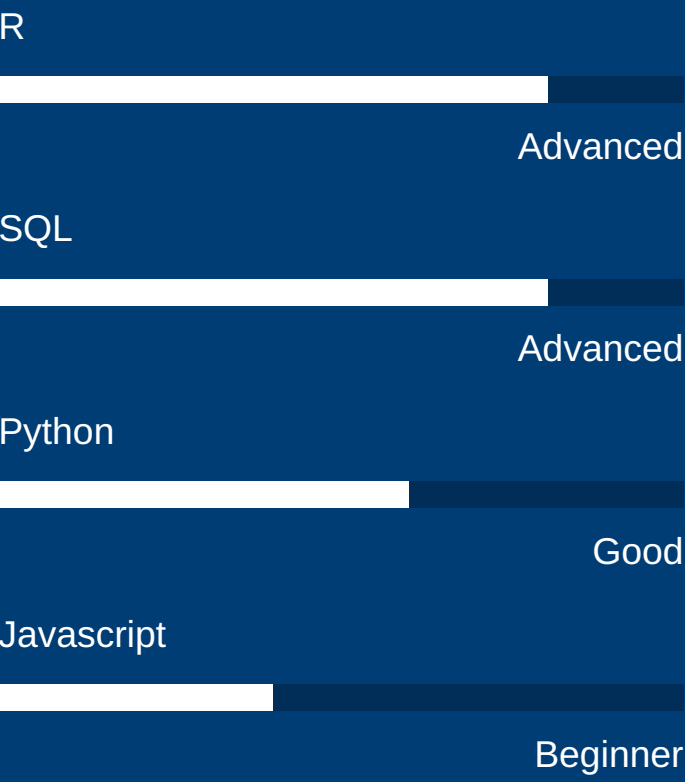
LinkedIn
www.linkedin.com/in/lopezfausto

WWW
www.faustolopez.com

Hard Skills



Languages



Soft Skills



Creative and resourceful data scientist with 5+ years experience munging, wrangling and analyzing data. Expanded big data analytical processes at the NYC Taxi and Limousine Commission by 50% and increased access to new Key Performance Indicators for a rapidly evolving industry. Developed big data pipelines and migration strategies, built comprehensive dashboards along with multiple databases and increased query and reporting speeds by over 500%. Developed and lead a team of 4 analysts working on over 300 gigabytes of data.

Experience

2016-07 - present	<div>Data & Analytics Manager <i>Taxi & Limousine Commission of New York</i><ul style="list-style-type: none">Design and automate analytical frameworks to produce internal and public facing metrics on over 1 billion taxi trip records, creating Shiny/Tableau dashboards and tracking KPIs.Designed and built Postgres and Clickhouse databases hosting over 300 gigabytes of Citi Bike, taxi and driver income data and increasing reporting speeds by over 500%.Rapid prototype dashboard tools, analytical processes, ETL procedures and customer applications in partnership with data engineers and IT personnel for production release.Spearheaded landmark Driver Income study leading to first national vehicle cap on ride sharing companies and minimum driver pay.Launched Analytics Blog meant to showcase innovative and interesting insights and visualizations on all things taxi related.Applied regression and random forest models to predict taxi volume and k-means clustering to improve 311 complaint categories for taxis.</div>
2015-06 - 2016-06	<div>Data & Evaluation Manager <i>Urban Upbound</i><ul style="list-style-type: none">Oversaw and managed over 6 separate databases to track outcomes and reporting.Developed evaluation protocols and analytical tools for testing program models.Assisted in designing and implementing a study on financial stress as a predictor of financial counseling outcomes.In partnership with New York Women's Foundation, designed and implemented the Healthy Aging Study, a qualitative report recommending resource upgrades for senior citizens in Far Rockaway.</div>
2014-07 - 2015-05	<div>Monitoring & Evaluation Assistant <i>Urban Upbound</i><ul style="list-style-type: none">Designed and implemented analytical tools.Developed evaluation protocols for testing program models.Analyzed data and produced quality reports.Assisted in survey construction.</div>

Education

2009-08 - 2014-05	<div>Macaulay Honors College at CUNY – Hunter College Masters of Science in Applied Social Research Bachelor of Arts in Sociology</div>
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Publications

2018-06	An Earnings Standard for New York City’s App-Based Drivers: Economic Analysis and Policy Assessment
2015-06	Hybrid Strategies: Allocating Involvement in the Digital Age, In Society for the Study of Symbolic Interaction