**mIGUEL sOLER**

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**DATA SCIENTIST**

# **perfil**

| I’m Miguel Angel Soler Otalora, a mechanical engineer with a strong foundation in data science and artificial intelligence. I blend the analytical and problem-solving mindset of engineering with modern tools and techniques in data analysis, visualization, and predictive modeling to generate actionable insights and drive data-informed decisions. |
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# **Experiencia**

| June 2025 | Personal Project  Built a predictive model to estimate apartment rental prices in Bogotá using web scraping from Finca Raíz. Performed data cleaning, exploratory analysis, geolocation processing, and feature engineering. Trained regression models like XGBoost and Random Forest, achieving an R² score of 0.89 after hyperparameter tuning with GridSearchCV. |
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# **PROJECTS**

| **Apartment price rent forecast (Bogota)** [**Portfolio**](https://miguel-soler-portf.vercel.app/) |
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| **Home Price Predictor** [**Portfolio**](https://miguel-soler-portf.vercel.app/) |
| **Spam Message Detector** [**Portfolio**](https://miguel-soler-portf.vercel.app/) |

# **education**

| **Mechanical Engineer**June 2018 – April 2024 |
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| [**Google Data Analytics**](https://coursera.org/share/a7c9dd97708037a2592a0c5237077d9a)March 2025 |
| [**Google Advanced Data Analytics**](https://coursera.org/share/d1099f8130392e2288f8a4bd13d7cf85) June 2025 |

# **aptitudes y características clave**

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