

JOHANA LUNA

DATA SCIENCE - COMPUTER SCIENCE

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www.johanaluna.com | [github](https://www.github.com/johanaluna) : [johanaluna](https://www.github.com/johanaluna)

Data Scientist with a Computer Science background, experienced in SQL, Python, Machine Learning, Neural Networks, data visualization, predicting models, and Statistics. Advanced knowledge in data mining software and designing scripts to optimize operating processes.

SKILLS

AWS Certified Cloud Practitioner | Python | SQL | Data Visualization | Statistics | PCA | Machine Learning Algorithms | Neural Networks | Natural Language Processing | Predicting Models | Tableau | Data Mining Tools | Quantitative Analysis | Critical Thinking | Problem Solving | Verbal Communication

PROJECTS

Sudoku Solver

[API](#) | [GitHub](#)

- Developed a Sudoku Solver that mimics human techniques and uses a logistic regression model to classify the puzzles' difficulty
- Created a dataset by scraping ~5500 Sudoku puzzles from multiple websites

Subreddit Recommender

[API](#) | [GitHub](#)

- Developed an API in Amazon Web Services (AWS) that helps users find the best place to post on Reddit; using natural language processing (NLP) with a KNN model, API analyzes submitted text and suggests the most optimal subreddit

AirBnB Predictor

[API](#) | [GitHub](#)

- Deployed a Heroku API that, using a linear regression model, predicted an optimal pricing strategy for an AirBnB in Berlin

PROFESSIONAL EXPERIENCE

Claro | Bogotá, Colombia (Telecommunications Company)

[Website](#)

Regulatory Auditor

November 2014 - January 2016

- Led 4 people in charge of managing complex databases with more than 650 million monthly records
- Reduced audit times by 47% through automating the process using data mining software, Excel and other tools

Nueva EPS | Bogotá, Colombia (Insurance Company)

[Website](#)

Systems Auditor

July 2013 - November 2014

- Automated information extraction processes of ~6 Million records with sensitive information using IDEA (Data mining) and SQL
- Led the audit of company systems to ensure compliance with government regulations

Price Waterhouse Cooper | Bogotá, Colombia

[Website](#)

Systems Auditor

February 2013 - July 2013

- Performed systems audits of major companies in telecommunications, oil, and banking

EDUCATION

Data Science, Lambda School

Remote

May 2020

- 9+ month accelerated program with a full-time curriculum in computer science and engineering

BS, Computer Science | Systems Engineer

Universidad Industrial de Santander

Colombia

December 2012

- Undergraduate program in systems and computing engineering