

# Jennifer Banks

Data Scientist

[jenniferbanks8585@gmail.com](mailto:jenniferbanks8585@gmail.com)

(801) 580 7523

Newnan, Georgia

[Github](#) - [LinkedIn](#) - [Medium](#)

## Education

<b>Data Science</b> , Lambda School	2020-2021
<i>Coursework Includes:</i> Computer Science, Descriptive Statistics, Predictive Models, Machine Learning, Data Engineering, Neural network, Deep Learning, Cross-Functional project, Data Profiling, Visualizations	
<b>MA in Secondary Math Teaching</b> , Thomas University	May 2018
<b>BS in Civil Engineering</b> , Silliman University	Mar 2000

## Technical Skills

**Programming Expertise:** Python (NumPy, Pandas, Scikit-learn), SQL and Excel

**Framework/Deployments:** TensorFlow, Keras, FastAPI, Flask,, AWS EB, Heroku

**Skills:** Data analysis, Linear and Multivariate regressions, Predictive analytics, K-cluster analysis, Deep Learning products, Natural Language Processing, Feature Extraction, Database Queries, API Development

## Data Science Projects

<b>CitySpire Data Science API</b> , <i>Lambda School</i> , <a href="#">Project Link</a>	Feb 2021
<ul style="list-style-type: none"><li>Created forecasting model that provides rental price projections for n-number of months</li><li>Created and updated a cloud database on AWS for different information associated with the API</li><li>Collaborated with a remote cross functional team of 2 data scientists, 4 web and 2 iOS developers using tools such as Slack, Zoom, Trello and Github</li></ul>	
<b>Weather API</b> , <i>World Quant University</i> , <a href="#">Project Link</a>	Nov 2020
<ul style="list-style-type: none"><li>Created a simple web app that provides temperature based on user's IP address</li><li>Accessed and aggregated publicly available API</li></ul>	
<b>Spotify Song Suggestor</b> , <i>Lambda School</i> , <a href="#">Project Link</a>	Aug 2020
<ul style="list-style-type: none"><li>Performed data gathering and feature extraction from a dataset taken from Kaggle.com.</li><li>Developed an NLP and encoded-based model options for song recommendations</li><li>Created data profiling, visualization and other exploratory numerical analysis</li></ul>	
<b>Strain Recommender</b> , <i>Lambda School</i> , <a href="#">Project Link</a>	Jun 2020
<ul style="list-style-type: none"><li>Utilized Natural Language processing to process user input, that is eventually used to get Recommendations in a 2-week timeframe in a cross functional team of 6 members.</li><li>Built a KNN model that provides n-number of Cannabis strains similar to information provided by end-user</li></ul>	

## Work Experience

<b>Team Lead/Support Lead</b> , <i>Lambda School</i>	Jul 2020-
<ul style="list-style-type: none"><li>Led a group of 5-12 data scientists throughout their core curriculum</li><li>Provided technical, content and overall support as needed</li><li>Seeked instructors' and leaders' input in decision making process</li></ul>	
<b>Secondary Math Teacher</b> , <i>Clayton County Public Schools</i>	2014-2020
<ul style="list-style-type: none"><li>Individualize learning for my students and actively incorporated technology in the classroom</li><li>Monitored students' performance and comprehension indicators for increased growth in state assessments</li></ul>	
<b>Math Tutor</b> , <i>Freelance</i>	2012-2014
<ul style="list-style-type: none"><li>Provided in-person and online Math tutorial services for elementary to college level students</li></ul>	
<b>Sales Engineer</b> , <i>Metalink Steel Manufacturing Inc</i>	2003-2011
<ul style="list-style-type: none"><li>Account and business acquisitions by introducing product and engineering services</li><li>Maintained strong relationship with clients by creatively providing solutions to their problems</li><li>Tasks involved but not limited to risk management, business strategy</li></ul>	