Avinash Tamby

Data Scientist

A results-driven data scientist with strong critical thinking skills who can lead a collaborative effort to interpret statistical patterns in data and provide more information for better decisions.

Washington, DC Metro Area
(908) 255-3376
atamby1@gmail.com
github.com/atamby1
Blog: atamby1.github.io

EDUCATION

General Assembly, Washington, DC — *Data Science Immersive Student*

2016 - 2017

12-week, full-time immersive program focused on building real-world data science skills including statistical inference, machine learning, and data visualization

Johns Hopkins University, Baltimore, MD — *BS Applied Math & Statistics*

2012 - 2016

PROJECTS

Cancer Relapse Classification [Link]

Built a machine learning classifier from scratch where I used gene expression data to distinguish between patients who relapsed and those who did not

Global Terrorism [Link]

Determined the effect of 9/11 on terrorism in America using Bayesian inference by analyzing data from from the Global Terrorism Database

Kaggle – West Nile Virus [Link]

Predicted when & where mosquitoes will test positive for West Nile Virus in Chicago in an effort to allocate resources more efficiently

Predicting Data Science Salaries [Link]

Scraped job postings from Indeed across the US and found which job listings would likely pay below the median salary and which listings would pay above the median

Iowa Liquor Sales [Link]

Predicted 2016 total sales of liquor stores in Iowa using sales data from 2015

EXPERIENCE

Research Intern at Emory University, Atlanta, GA

2013

Cultivated cell cultures, increased lab productivity by updating lab databases with thousands of patient sample records, and shadowed graduate students and postdoctoral scholars and helped administer ELISA tests and other wet lab tests.

SKILLS

Statistics

Machine Learning

Python

R

SQL

Tableau

Git

UNIX

AWS

Spark

LaTeX

Matlab

PYTHON LIBRARIES

Pandas

NumPy

Matplotlib

Seaborn

SciPy

Scikit-learn

XGBoost

BeautifulSoup

LANGUAGES

English

French