

Apratim Biswas, PhD

Work Authorization: Permanent Resident (Green Card)

352-872-2490 | Tampa Bay Area, FL (Open to Relocation)

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DATA ANALYST

I'm a Microsoft Certified Power BI data analyst with experience in data modeling and visualization seeking an entry-mid level position. I also have 6+ years of experience as an R&D Engineer in Materials Engineering. I'm very passionate about working with complex datasets, developing models, and translating data into actionable intelligence.

CERTIFICATIONS | CERTIFICATES

Microsoft Certified Power BI Data Analyst Associate
General Assembly's Data Science Immersive Remote
IBM Data Science Professional Certificate

TECHNICAL PROFICIENCIES

Platforms Linux | Windows | Microsoft Azure | Google Cloud Platform | IBM Cloud

Tools Power BI | DAX | Python | SQL | Tableau | Minitab | Microsoft Excel | Pandas | Numpy | Scikit-Learn | Jupyter Lab | Matplotlib

Portfolio [Tableau Public](#) | [GitHub](#) | [Medium](#) | [Personal Webpage](#)

DATA PROJECTS

- Information retrieval from customer reviews on Amazon.
- Classify Reddit comment to identify originating subreddit.
- Identifying potential Toronto neighborhood(s) to open a profitable coffee shop.
- Motor vehicle collisions in New York City: An analysis of risk factors.
- Residential evictions in New York City: Exploratory data analysis.
- State-level participation in ACT and SAT: Exploratory data analysis.

Please visit [portfolio](#) for a brief outline of each project.

PROFESSIONAL EXPERIENCE

Data Science Immersive Fellow, General Assembly, Remote (8/2020 to 11/2020)

Completed a full-time intensive Data Science program. Gained hands-on experience analyzing real-world big data sets and modeling them using various machine learning algorithms. I also added to my experience in exploratory data analysis and translating data to meaningful stories.

Continued...

Metallurgist and R&D Engineer, GopherResource, Tampa, FL (9/2012 to 3/2019)

Led corporate research and development, including developing and using data models to improve process in a sustainable manner. Also developed new procedures to collect and analyze accurate data from every step: process design through implementation and maintenance.

Graduate Research Fellow, University of Florida, Gainesville, FL (8/2007 to 12/2011)

Conducted research on the development of processes to synthesize TiO₂-SiO₂ nanofibermats for use in the lunar environment, including synthesis and characteristic of nanofibers and filtration properties. Developed processes to make more flexible fibermats in comparison to ceramic fibers in use at the time. Taught undergraduates in materials science and engineering.

ADDITIONAL EXPERIENCE

Store Associate, Publix Supermarkets, Lithia, FL (4/2021 to Present)

Provide premiere customer service in a busy environment. Managing time juggling several priorities in a physically and psychologically challenging role. Also, hands-on training new associates.

EDUCATION

Ph.D. in Materials Science and Engineering

University of Florida, Gainesville, FL

Research: Electrospun ceramic fibermats for filtrations application in lunar environment

B.S. in Metallurgy and Materials Engineering

Indian Institute of Engineering Science and Technology, Shibpur, West Bengal, India

IBM Data Science Professional Certificate