

Project Portfolio:
[https://daddyjab.github.io/
Jeffery_Brown_Portfolio](https://daddyjab.github.io/Jeffery_Brown_Portfolio)



JEFFERY A. BROWN

Certificate in Data Science, MBA, MSEE, BSEE

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DATA SCIENTIST

Leadership | Machine Learning | Data Analytics and Visualization | Agile / Lean | Results

Who I Am

Engineer and technical leader with 15+ years of experience in the Telecom industry combined with professional development and certification in Data Science.

What I Do

Increase business and organizational effectiveness through exploration and analysis of data, application of artificial intelligence, and partnership with technical and business decision-makers to deliver business solutions.

How I Add Value through Areas of Expertise

Experience analyzing wireless telecommunications system performance and functional behavior combined with Data Science knowledge to make data an ally of the business:

- **Data Exploration, Analysis, and Visualization** using tools and techniques that match the need, including **Python**, **Microsoft Power BI**, **Tableau**, Microsoft Excel Visual Basic for Applications (VBA), JavaScript, and more.
 - *Reduced data preparation time by 50% by developing Excel Visual Basic for Applications code and Power BI visualizations to facilitate management and tracking of test progress and status.*
 - *Completed Northwestern University Certificate in Data Science*
- **Build Predictive Models** to improve decision-making using artificial intelligence, including machine learning
 - *Applied Artificial Intelligence to classification of 3662 retinal images for stages of diabetic retinopathy*
 - *Coursera Deep Learning Specialization – In Progress*
- **Foster a Collaborative Environment** by establishing formal and informal networks for sharing information, including effective written and oral communications, use of collaboration tools, tutorials, formal training, etc.
 - *Promoted collaboration using Microsoft SharePoint, OneNote, and other resources, including development and delivery of webcasts / in-class tutorials to 120+ colleagues/employees*
 - *Empowered 80+ people on 4 teams to discuss corporate employee engagement survey results and develop action plans for each of 2 years, improving teamwork and alignment.*
 - *Expanded the knowledge of 70+ continuing education students by teaching computer classes*
- **Apply Agile and Lean Methods** to team activities, increasing visibility and alignment at all levels and providing a foundation for sustainable performance
 - *Transformed customer dissatisfaction into an improved customer relationship through implementation of Lean methods in resiliency testing, improving responsiveness by 50+%*

Target Companies

- **Information Technology and Services, Defense:** Northrop Grumman
- **Healthcare:** Blue Cross Blue Shield, GoHealth, Vizient, Sg2
- **Bio-Sciences, Pharmaceuticals, Agri-business:** Ecolab, Tempus
- **Insurance, Risk Management, Financial:** Gallagher Basset, Bank of America, Allstate
- **Food Services Industry:** McDonalds, Grubhub
- **Transportation:** Ship.Cars USA, Navistar
- **Retail / Other Business Operations:** Sears

