



Cloud and Cognitive Software
Cloud Pak Acceleration Team Data
Scientist – IBM Garage
Jesse.Slater@ibm.com

Education

- MS Business and Data Analytics, University of Colorado – Boulder (2018)
- BS Aeronautical Science, Embry-Riddle Aeronautical University – Daytona Beach (2014)

Industry Experience

- Distribution and Supply Chain Management
- Retail and Consumer Goods
- Restaurant and Food Chain
- Aviation and Aeronautical Maintenance
- Commercial Travel
- Education

Skills

- Machine learning and artificial intelligence
- Decision optimization and prescriptive analysis
- Demand and time-series forecasting
- Clustering and categorization methods
- User interface conception and design
- Dashboarding and visualization methods for impactful reporting and decision making
- Multi-engine Instrument flight instructor and commercial pilot
- Tools and languages: Python, R, R-Shiny, Tableau, SAP Dashboards, Linux

Experience Overview

- Jesse is currently in the Cloud and Cognitive division at IBM working as a Data Scientist. At the IBM Garage, Jesse and his [team work](#) with a wide array of IBM's clientele spanning several industries requiring versatility in experience and AI solution implementations
- In addition to his work at IBM, Jesse has built course curriculums and instructed Data Intelligence courses and professional workshops to assist those new to analytics on methods to begin their journey through the AI ladder. Working in partnership with Embry-Riddle Worldwide, Jesse has instructed professionals from many airlines and transportation companies in South America including Azul, LATAM, GOL, and SEST SENAT.
- Jesse has built solutions spanning multiple statistical fields of study. Some of the methodologies include elastic net forecasting, regression techniques, linear and mixed integer programming, factor and principal component analysis, and LSTM neural nets.
- IBM has also challenged Jesse to branch from a purely data science focus into cloud infrastructure and management. Jesse now manages a small team of Data Scientists and Developers who share in cross disciplinary training in RedHat [Openshift](#), Kubernetes, Docker, CRI-O, and general [linux](#) programming
- In addition to a thorough background in AI and BI, Jesse also has an extensive background in aviation. He is licensed as multi-engine instrument commercial pilot and flight instructor with over 1000 hours logged.
- Flight Hours: Total Flight Time – 1216.6, Pilot In Command – 881.61, X-Country – 260.2
- Before IBM, Jesse built AI and BI experience both inside and outside of aviation. Jesse has worked for [jetBlue](#), ERAU, [SpenDifference](#), and performed research at the CU Boulder.