



## Piyush Singhal

### Data Scientist

5+ Years' experience in  
AI/ML/NLP/Big Data

#### Education

- Masters of Information Technology
- HIPAA Security Certificate

#### Technical Expertise

- R, Python
- TensorFlow, CoreML
- LiteCaffe2Go
- PySpark
- Tableau, Power BI
- Cognos, SPSS
- Redshift, EMR, Snowflake
- Hive, Spark SQL
- Elastic Search, Kafka,
- MongoDB, SQL,
- Azure / AWS AWS Data Platform
- CI/CD
- HL7, FHIR, 837, NCPDP

#### Experience

- Datavant – Fraud analytics
- Dr. Susan Love Foundation AI/DL Project: Deep Learning algorithms
- Boehringer Ingelheim Business Intelligence Projects (Oncology Department)
- Novartis Ingelheim Business Intelligence Projects (Oncology Department)
- Market mix modelling (used by Fortune 100 companies)
- Mass Spectrometry Algorithms
- AI/DL Disease Prevention Models
- 360 Patient Journey Analytics using EHR, Pharmacy, claims, twitter, drugs.com, weather... data
- xtLytics – 20+ Serverless Stats Models, 10+ NLP Models
- WebMD's Data Lake and Data warehouse using AWS technologies such as Snowflake, RedShift and EMR
- Datavant – De-id software and Key Management and healthcare data Compliance Software

#### Strengths

- Adaptive
- Analytical
- Self Motivated
- Ambitious

#### Achievements

- 5 challenge awards
- Learner of the year 2018