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| Professional Experience | * A dedicated professional with 6 years of industry experience in Product development, Project implementation, Machine Learning, and Business analytics. * Analytics experience encompasses conceptualizing, designing, and delivering end-to-end advanced predictive analytics solutions for business process effectiveness using R and Python. * Implementation of Machine Learning model in Big data environment using big data tools - Pyspark, Hive, Hbase, Hadoop. * Good communication and analytical skills with ability to interpret client business needs and meet deadlines in a fast-paced environment. |
| Industry Experience | * Healthcare * Manufacturing |
| Key Skillsets | * R * Python * Tensorflow * Pytorch * Java * MS SQL |
| Customer Experience | Active Health Index   * Worked in hand with clinicians to develop Active Health Index(AHI) for the member population based on the members’ health record. * The Health Index would quantify the health status of a member at a given point of time. * Predicted the cost to be incurred by the member based on the Health Care Index * Predicted potential cost saving to the payer if the member adheres to the care management programs.   Text Classification (Customer Dissatisfaction)   * Used **Naïve Bayes** algorithm to classify the free text column in customer complaints status into 18 different level * Performed ETL on the data (free text column) and made ready for text mining technique using tm, NLP and qdap packages. * Identified the major causes for Customer Dissatisfaction using the results.   Opioid Analysis   * Understand the Opioid usage pattern of the members and stratify them to different segment. * Predict probability of non-opioid members who might become addicted to opioid in the next year. |

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| Role | Data Scientist |
| Professional Experience | * Customer-focused management professional with 10 yrs. of valuable experience contributing to Analytics & BI projects. * 7+ years of relevant experience with a proven track record of leveraging analytics and large amounts of data to drive significant business impact. * Own and drive end to end Business Development activities – proactive and reactive (RFI, RFQ, RFPs) * Hands on experience in BI projects implementation, data manipulation, analysis and modelling techniques. |
| Industry Experience | * Healthcare * Manufacturing * HR |
| Key Skillsets | * R Programming * Python * Tableau * MS-Office * SQL - basics * Artificial Intelligence – Neural Networks * Deep Learning – Tensor flow |
| Customer Experience | * Developed a classification model using Tensor Flow and Recurrent Neural networks that will help client’s operations team to pro-actively identify which sequence of diagnosis code will result in denials. * Proposed a predictive model that will proactively identify proposals that are likely to be accepted by customer. Model would predict the results based on various attributes and characteristics of proposals. * Developed an analytical model using a combination of logistic regression, gradient boosting and support vector machine” depending upon the characteristics of the data available. * Analyzed the output of various models for assessing the classification and predictive performance using Classification tables (confusion Matrix) and ROC curve. * The probability score outcome was split into deciles and high probability scores are labelled as proposals that may likely get accepted by client. |