

Visualize Futuristic Healthcare Insights With Predictive Dashboards

R Systems offers valuable visualizations to represent [next-gen healthcare insights](#) with highly interactive dashboards, using [AI & ML algorithms](#) that run on a mammoth amount of data.

We leverage [open source big data technologies](#), such as Apache Spark & Kafka, for processing and cleaning huge volumes of patient data, and simultaneously saving it on HDFS.

Advanced Analytics & Visualization Services

For Providers

- Predicting length of stay of a patient
- Predicting probability of readmission of a patient

For Healthcare Accounting & Insurance

- Predicting propensity to pay
- Predicting claims that could be denied
- Recommending a write-off of outstanding amount

We deliver these solutions both on-premise & on the cloud.

Train Models on Cloud

We harness the power of [cutting-edge ML technologies](#) like TensorFlow, Keras, Scikit-learn, Inception & AlexNet to train the models. We also employ [Amazon SageMaker](#) & [Azure Machine Learning](#) to train models on the cloud. Our model training for [Edge Computing](#) is performed on the cloud, and the prediction is done through Edge devices for a faster turnaround.

Transform & store data on the cloud

We have designed a comprehensive range of [advanced analytics solutions](#) (auto-scalable & auto-shutdown) for both [Azure](#) & [AWS](#) to efficiently transform and store data on cloud.

Azure

- Databricks
- Storage
- HDInsight
- SQL DWH
- Data Factory
- Functions
- Stream Analytics

AWS

- EMR
- Lambda
- S3
- Glue
- Kinesis
- Redshift