

Smart Healthcare



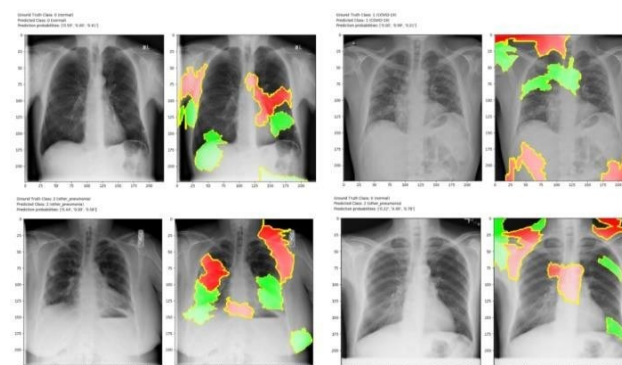
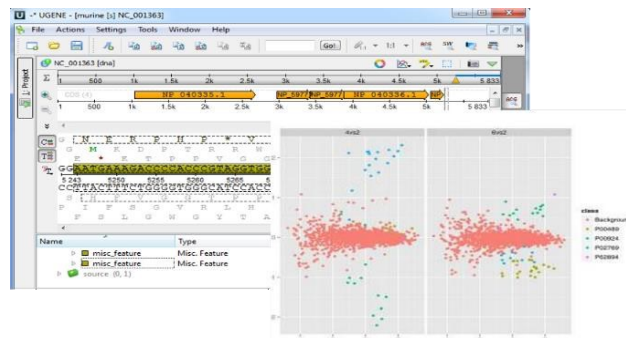
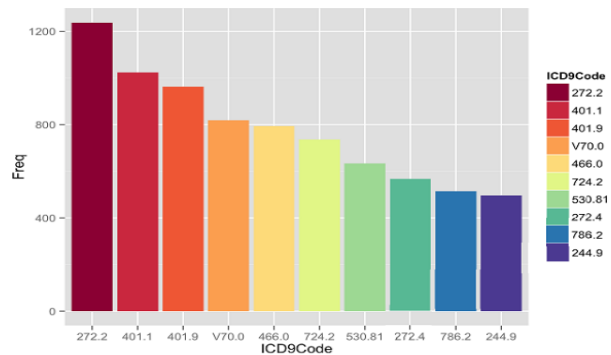
KEY ENGAGEMENTS

- *Monitoring Hospital Supply Chain Operations* - Developed real-time KPI dashboards for a mid-sized hospital, US
- *Health risk profile analytics based on EMR, genome and imaging* - Designed a PoC for an accelerator program in US
- *API 2 KPI from open healthcare data public datasets* – Developed a PoC for the public policy administration based on predictive insights
- *Measuring health risks profile from environment data* – Developed an IoT based solution for Air Quality Monitoring
- *Chatbot as a lead management tool* – Solution developed for a leading hospital on data mining from lead conversations that happened using a chatbot

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Recognized as a Startup under DIPP, India, Member of SAP Startup Focus Program, IBM Global Entrepreneur Program, NASSCOM 10,000 Startups



EMR Data Analytics (EDA)

Solution to address analytics on top of your Electronic Medical Records (EMR) system with BI on cloud.

- Setting up EMR analytics on cloud as per HIPAA compliance
- Predict outcomes ranging from mortality rates to re-admissions, length of stay (LoS) and diagnoses
- Predict patients at high risk of postoperative complications. Predictor variables for the models included comorbidities, outpatient medications, and demographics

Genomes Data Analytics (GDA)

Solution powered by R BioConductor, UGENE and ADAM on AWS as well as GCP.

- Data Mining in genomics/proteomics using R+Bioconductor/ UGENE/ADAM platforms
- Technical support in setting up and end to end data management of your genomics store
- Technical Support to handle DNA sequence reads, reference-based alignments, and variant calls (using Genomics API)

Deep Insights Analyzer (DIA) for Medical Images

Solution to help detecting anomalies in medical images using Neural Networks models

- NLP Models for Medical Research Datasets
- Deep Learning Workbench for Medical Imaging Analytics
- Predict Outliers/ Anomalies (Generate Risk Scores)
- Re-train the System (from Radiologists for Errors)
- Re-deploy training models (update the Model Registry)

