

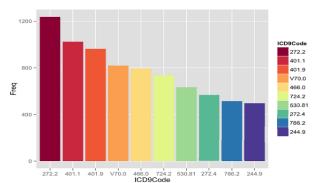
# **KEY ENGAGEMENTS**

- 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

Greenojo Consulting Private Limited India | US | Canada | UAE | Nigeria

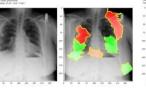
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Recognized as a Startup under DIPP, India, Member of SAP Startup Focus Program, IBM Global Entrepreneur Program, NASSCOM 10,000 Startups











### **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 HIPPA 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/ UGEN/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)



### **BUSINESS IMPACT**

- Improves health risk identification from big data analytical lakes
- Enhances real-time analytics at the functional/departmental level of a healthcare provider
- Provides a unified view of health data from multiple sources (EMR, medical images, genes, health insurance claims, diagnosis and treatment reports – structured, semi-structured and unstructured
- Improves hospital monitoring from real-time digital dashboards
- Monitors and predicts medical devices integrity across the value chain

## **DESIGN THINKING**

Our design thinking led solution development approach is aligned with our core "customer engagement strategy" defined by -*Agility (in Delivery), Speed (in* 

Operations) and Innovation (in Solutions)

- Our Digital Consulting Strategy looks at 3 broad factors that contribute to CxO Dashboards
   Assets/Utilization, Workforce/Productivity and Customers/Revenue Growth
- Factory Model Development -5P Model (an adapted agile scrum framework) acting as a DNA in the solution development life cycle

#### **Healthcare Solution Accelerators**

- Genome Risk Modelling
- Healthcare Data Monitoring
- Patient Experience

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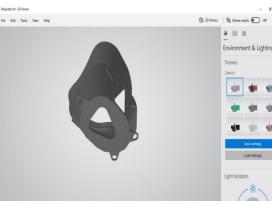
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- Supply Chain Analytics
- Clinical Data Management
- Real-time Hospital Operational Dashboards
- Fraud Detection in Insurance Claims
- Outlier/Fraud Learning Models in Insurance
  Claims
  - Clinical Trials & Drug Discovery
  - 3D Prints for Medical Devices



#### **Engagement Model**

- On demand services partner OPEX mode of technology transformation
- Lower TCO by adopting Public Cloud, Open Source, Rapid Application Development (RAD)
  - Act as customer's extended technical R&D labs
  - Partnership with SAP, IBM, Microsoft, Google & AWS





