Valorem Reply – Digital Insights

DATA IN ACTION

Strategic Insights through Advanced Analytics

REPLY
VALOREM

VALOREM REPLY – DATA & ANALYTICS

PLATFORM
Data Engineering, Analytics Modernization Architecture

Modern Data Platform Workshop

Architecture, Strategy, Planning

Data Governance, Compliance, Security

Data Platform Modernization, Development, Support and DevOps

Big Data

Cloud BI/BW

Modern Workplace Insights

AI
AI, IoT
Data Science, Advanced Analytics

Azure Machine Learning

Predictive Analytics

Cognitive Services

Data Strategy

Big Data

IoT Edge

Azure Databricks

EXPERIENCE
Immersive Visualization, User-Centric Design

Data Visualization

User Experience

Report Migration

PowerApps / Flow

Training

Geospatial

Analytics As A Service

AI & DATA SCIENCE @ VALOREM REPLY

MACHINE LEARNING	COGNITIVE COMPUTING	CLOUD & BIG DATA
Deep Learning	Chatbots	Databricks
Predictive Models	Text to Speech	Cortana
Pattern Recognition	Voice to Text	Azure HDInsight's
Classification &	Computer Vision	Azure Search
Regression		

DOMAIN EXPERTISE	TEXT ANALYTICS	WORKSHOP
Customer Analytics	Text classification	Digital Insights
Supply Chain Analytics	Trend Analysis	Spark/ Databricks
HR Analytics	Sentimental Analytics	AI Readiness
Manufacturing	Network Analysis	IOT
Network Optimization		Advanced
		Visualization

DATA IN ACTION – PROCESS EXAMPLE

Step 1
Start with Q&A

Step 2
Perform an iterative Pilot Project

Day 1: Primer on advanced analytics and modernized analytics platform; assess current business strategies

- Understand business imperatives
- Understand current analytics capability
- Understand current business landscape and capabilities
- Identify required business stakeholders

Day 2: Understand data and develop hypothesis

- Understand required data sources
- Develop high level future data storage strategy
- Identify potential initial hypothesis
- Define success and exit criteria
- Planning, next steps, timeline

Data Understanding

Data Preparation

Hypothesis 1

| **Run Model** | **Evaluate Model** | **Run Model** | **Evaluate Results** |

Iterate and refine blasts

Additional Algorithm(s)

| **Run Model** | **Evaluate Model** | **Run Model** | **Evaluate Results** |

Iterate and refine blasts

Evaluate Future ROI

Operationalize Model