Changes in the activity

N/N	Jan	Fev	March	Apr	May	June	Jule	Aug	Sept	Oct	Nov	Dec
10												
9												
8												
7												
6												
5												
4												
3												
2												
1												

Network Analytics

redeem

ACCELERATING PRODUCT SUCCESS

About Us

- We are a pure-play engineering analytics company with specialization in Network, Product Realization and IOT Analytics
- Offering an unique & unified platform based on Deep Learning, In-Memory Data & Streaming Analytics Technologies
- We specialize in technology intensive micro vertical applications in the industrial canvas

Challenges

Data Structures
Relationship between data collected at different time frames may not always be relevant. Hence, we need to pre analyze the data and identify the data to be further analyzed.

Understanding Domain Needs
Lack of robust solutions specific to domain creates resistance in adoption of technology in Network Analytics

Reducing Dependency on Power Users
The tools available for analytics require adept programmers to derive insights

Unified Solution for your Enterprise
Absence of tools that gain insights from various disparate tools to give a 360° complete solution i.e. Data to Visualization

Dependency on the Insights Procured
Accuracy of the insight gained should be above a defined threshold for it to be accountable

Hassle free & Quick Deployement of Solution
Tedious & time consuming deployments

Network Analytics

Subscriber Analytics
Better understand how usage varies between similar subscriber groups by comparing subscriber behaviour between all your service

Handset Analytics
Mobile operators can examine the relationship between devices and subscriber usage to determine the network impact of different handsets.

Regional Analysis
Explore regional variations and identify performance outliers by contrasting metrics across regions, and drilling through three levels of network hierarchy.
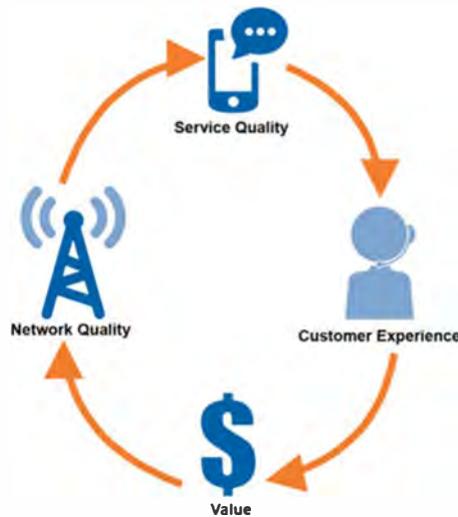
Prevent Revenue Leakage
Detect unusual or suspect behavior, such as illegal tethering, to avoid revenue leakage and enforce policies in real-time to mitigate network or service impact thus ensuring a better user experience for all subscribers.

Dependency on the Insights Procured
Accuracy of the insight gained should be above a defined threshold for it to be accountable

Voice of Customer
CRM Analytics based on call-center calls to understand customer reviews, complaints & sentiment about the product.

Network Analytics

Understanding Encrypted Data

As more and more OTT players move to encrypt their communications, CSPs are at risk of losing visibility into traffic. Worse yet, this lack of visibility has a direct impact to the value added services provided by CSPs. Re-gaining visibility into this communication becomes critical so CSPs can continue to offer value added services such as targeted advertising and customer self-care.

Case Study

Introduction

We have large amounts of expertise in the field of engineering and networking as well as analytics. Using the expertise in the field of networking we are able to identify problems in the field of networking by which we were able to identify how analytics could help in the domain. Having expertise was of great help in identifying the problems that they would face while designing a router and problems they need to fix.

Problem Faced

Trying to identify the bottlenecks in the traffic flow from the routers

Expected Outcome

• Obtain insights such as number of link protections cleared, number of hop tree links at any specific time
• Identify the parameters that most affect the functioning of the router & how it can be optimized to reduce congestions

Our Solution

Erudite processes these huge volume of data with a very low latency & high accuracy.

Scope of service/product	Business unit impacted: Production/ Purchase
	Area of Application: Operational Efficiency
Solution Process/ Approach	Step 1: Integrate Various Datasets Step 2: Data Cleaning & Pre-Processing for analysis Step 3: Identify correlation Step 4: Parametric modelling based demand Prediction Step 5: Visualization
Category of offering	Root Cause/ Predictive