

# Telecom Analytics Solution

## Telecom Challenges and the Need for Unified Data Analytics

Telecom operators face the challenge of managing vast amounts of data across areas like usage metrics, network performance, revenue tracking, and compliance. The prevalence of siloed data systems complicates the generation of actionable insights, resulting in inefficiencies, operational bottlenecks, and diminished customer satisfaction.

## Proposed Solution: Telecom Data Analytics on Microsoft Fabric

NeoStats introduces the Telecom Data Analytics Solution, a comprehensive framework that leverages Microsoft Fabric to enable seamless data integration, transformation, and reporting. This solution provides telecom operators with real-time insights into operational, financial, and customer metrics, fostering informed decision-making and operational excellence.

## Key Features of the Telecom Data Analytics Solution

### 1. Reusable Data Model:

- Pre-built and scalable to address essential telecom metrics.
- Customizable to meet evolving organizational requirements.

### 2. Comprehensive Power BI Reporting:

- Real-time dashboards offering insights into:
  - Usage metrics and patterns.
  - Network performance and optimization.
  - Revenue analysis and financial performance.
  - Compliance tracking and regulatory adherence.
  - Customer insights and feedback analysis.

### 3. Regulatory Compliance:

- Designed to align with telecom industry standards and ensure data privacy.
- Provides robust mechanisms for secure and compliant data handling.

### 4. Customer-Centric Analytics:

- Enables detailed insights into customer behavior, segmentation, and feedback.
- Helps improve satisfaction, loyalty, and retention rates through data-driven strategies.



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## Telecom MI

Let's Win With Data

### Navigation:

Usage Metrics

Network Performance

Customer Complaints

Operation Dashboard

Revenue Analysis

Compliance Report