How can Skillmine DataV help overcome challenges in the Pharma and Clinical Trial sectors?

Problem Statements

Challenges identified in Pharma Sector:

Pharmaceutical firms manage huge volumes of data, including clinical trial outcomes, production metrics, supply chain details, and records of regulatory compliance. Effectively handling this information is essential for maintaining drug quality, adhering to regulations, and ensuring prompt delivery.

Pharmaceutical companies encounter difficulties in monitoring adverse events, maintaining quality control, and predicting demand, all of which necessitate an extensive perspective on their data.

Challenges identified with Clinical Trials Monitoring:

Clinical trials produce vast amounts of data concerning patient outcomes, side effects, treatment effectiveness, and demographic variables.

Manually tracking and analysing this information requires a lot of time and is susceptible to mistakes. With DataV, pharmaceutical firms can enhance clinical trial oversight via live dashboards, allowing them to track patient safety, identify irregularities, and efficiently refine trial designs.

Third-party Tool Support:

Widely used tools across the clinical trials process in the industry include Red Hat Ceph Storage and Oracle Health Sciences Data Management Workbench. Skillmine ensures the development and integration of these sources.

Source: Source for Redhat Ceph Storage (2023), Oracle Health Science Data Management Article (2017)

Skillmine DataV: A Comprehensive Approach to the Identified Issues

Real-Time Data Surveillance: DataV consolidates patient information from various trial locations, refreshing outcomes instantaneously. This allows researchers to monitor patient reactions and negative incidents promptly, facilitating quick actions when needed.
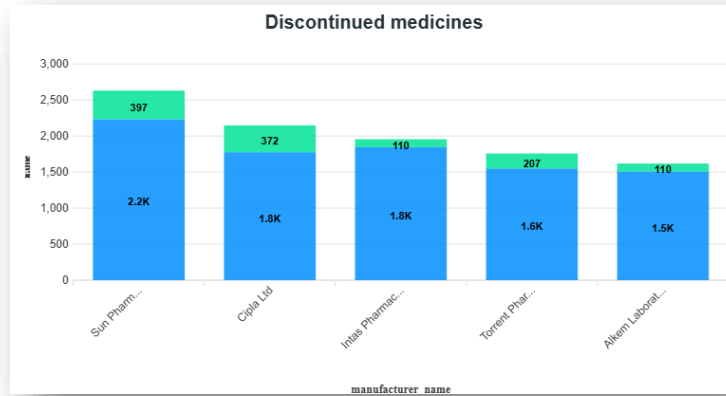
Data Analysis and Insights: DataV's sophisticated analytics features enable pharmaceutical companies to assess trial outcomes, uncovering trends and evaluating drug effectiveness among various demographic segments. This allows for data-informed choices to enhance trial design and speed up the drug approval process.

Operational Efficiency: By utilizing centralized data dashboards, DataV minimizes the time researchers spend on manual data consolidation and analysis. DataV streamlines data workflows to help decrease trial length, lower expenses, and accelerate the introduction of medications to the market.
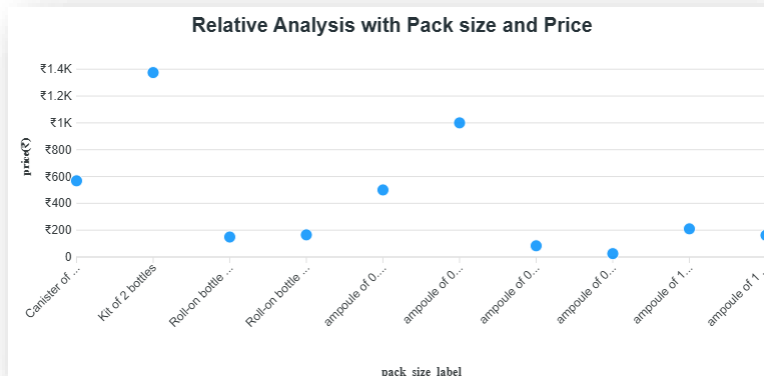
What Sets Skillmine DataV Apart:

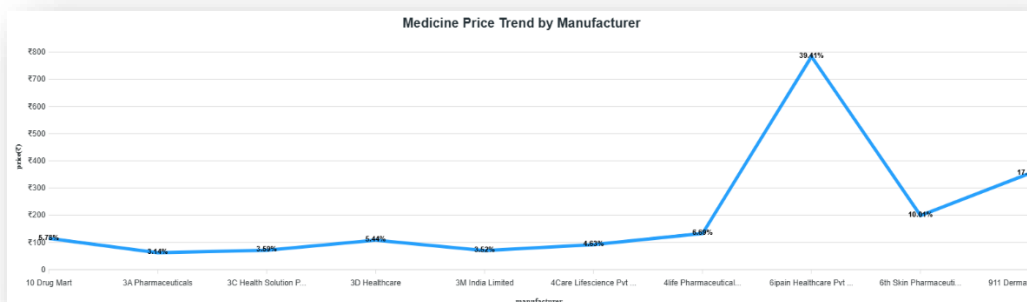- **Data Integration:** Aggregates data from various sources like databases, IoT, and APIs

- **Advanced Analytics:** Delivers predictive insights and tailored metrics via machine learning.
- **Live Monitoring:** Real-time data dashboards for instant analysis
- **Custom Dashboards:** Enables industry-specific, personalized visualizations

Vertical Bar chart representing trend of discontinued medicines in a pharma company.

Scatter chart representing relation between pack size and price of medicines in a pharma company.

Line chart representing trend of medicine price manufacturer wise

What Makes Skillmine DataV the Right Choice?

DataV stands out as an essential tool for data visualization, bridging the gap between raw data and strategic decision-making. With industries generating vast amounts of data daily, the challenge lies in extracting value from this information efficiently.

Here's why DataV is the ideal solution for data-driven organizations:
1. Enhanced Data Accessibility
2. Improved Decision-Making
3. Operational Efficiency
4. Scalability Across Industries
5. Data Security and Compliance

Key Takeaways, from this Use Case?
1. Actionable Insights for Enhanced Performance
2. Summarized Dashboards Essential in a Data-Centric Era
3. Versatile Data Visualization Platform
4. Critical Role in Pharmaceuticals