Pharma R&D is undergoing major shifts

Challenges for life sciences organizations

Use data science and automation to unlock the potential of pharmacovigilance

Cognizant Smart Pharmacovigilance: Delivering value through data science and automation

Pharmaceuticals are the lifeblood of the global healthcare industry. The value they create is immense, but the process is complex. Cognizant's Smart Pharmacovigilance leverages the power of data and automation to drive better patient safety.

**Key facts**

- Cost savings: ~30% in case processing
- Volume surges: Scalable to handle volume surges
- Entry: Entry data intelligence
- Review: Review data for redundancy and accuracy
- Check: Check data integrity
- Extraction: Extract data from various sources
- Validate: Validate data for accuracy
- Transform: Transform data to meet requirements

**Pharma R&D**

is undergoing major shifts

- Admission rates and drug use: Admissions in the U.S.
- Industry collaboration between life sciences and clinical and genomic firms leads to greater value
- Growing demand for real-world data—both structured and unstructured
- Personalized medicine through advancements in genetics
- Industry collaboration in R&D through data sharing and digitization

**Challenges**

for life sciences organizations

- Efficient adverse event lifecycle management
- AI-based case processing
- Industry collaboration in R&D
- Industry collaboration in R&D data sharing and digitization

**Cognizant Smart Pharmacovigilance Solution**

Unlock the potential of pharmacovigilance with Cognizant's Smart Pharmacovigilance Solution. It uses data science and automation to improve safety outcomes, reduce costs, and speed up drug development. By automating data extraction, validation, and analysis, the solution helps organizations to:

- Improve safety outcomes
- Reduce costs
- Speed up drug development
- Enhance compliance with regulations

**Benefits**

- Improved patient safety
- Reduced costs
- Faster drug development