



Welcome to CYBER SPACE TECHNOLOGIES

Explore **INNOVATIONS** Here



Corporate Overview

www.cyberspaceinc.com

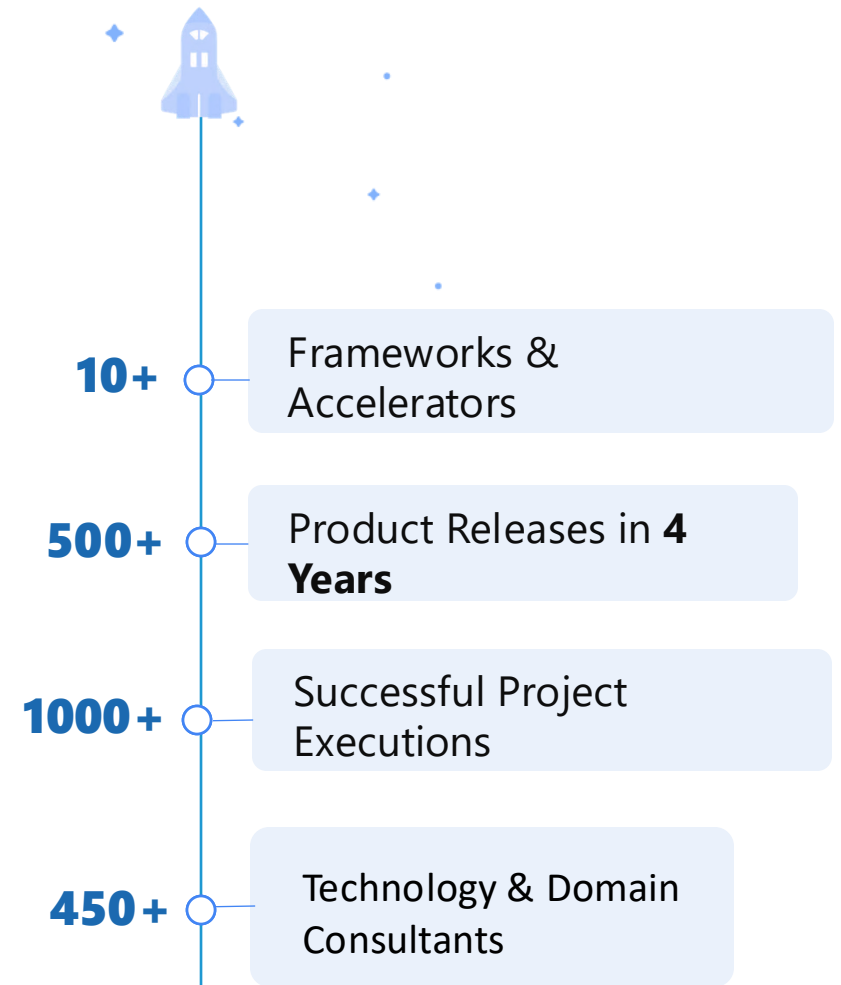


CST Launched in
2015
In New Jersey

★ **100%** Customer retention rate with an average relationship of 4 years

★ **70%** Business long-term existing customers

★ Help customers enhance their Topline and bottom critical hiring



Service Offerings



Product Engineering

- New Product Development
- Product Modernization
- Product Sustenance
- Professional Services
- Digital Age Products
- SMAC Enabled Products
- End Of Life Product Ownership



Data Engineering

- Data Lake / Big Data Services
- Advanced Analytics: AI-ML
- Data Warehouse Modernization
- Embedded Analytics
- IoT Analytics / Real time Analytics



SAP/ERP

- SAP EWM Module
- SAP MM Module
- SAP S4/HANA
- SAP PP Module
- Oracle Fusion Cloud
- Oracle EB Suite
- Oracle OM Module
- Oracle WM Module
- Oracle SCM Module



Cloud Services

- Cloud Migration
- Cloud Architecture consulting
- Cloud Enablement Solution
- Multi Cloud Services
- Cloud Security
- Cloud DevOps



Industries Domain Expertise



Life Sciences










































Retail


















































BFS&I



Tools and Technologies Landscape

	Microsoft	Open Source	Amazon	Google	Proprietary
Data Management	  	  		 	
Cloud Platforms and Big Data	 	   		 	
NO SQL and Columnar	 	    			
Business Analytics	 	  	 		

Tools and Technologies Landscape

	Microsoft	Open Source	Amazon	Google	Proprietary
Data Visualization		   	 amazon QuickSight	 Google Analytics	 + a b l e a u  Logi ANALYTICS 
DevOps		 puppet labs  docker   TeamCity  cruisecontrol	 AWS CodePipeline		 ANSIBLE  BAMBOO
Mobile	 Xamarin  Windows Phone	   PhoneGap  ionic			 Swift
Client Side Framework / Language	 TypeScript	   Knockout.    DURANDAL		 ANGULAR	 Kendo UI  Infragistics  
Server Side Framework / Language	  Microsoft .NET	 node  Java   RAILS  GRAILS			



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Engagement Model

Delivery



Onsite

- Resources work at client location



Offshore

- Resources work with clients remotely from our offshore development centre



Dual Shore

- Resources distributed between onsite & offshore
- Part of the work is done onsite, the remaining at offshore



Extended Engineering Team

- Extension of client's engineering team with highly skilled team at offshore

Business



Time & Material

- Evolving requirements
- Monthly billing



Fixed Price

- End-to-end project execution for a fixed price and timeline
- Milestone-based delivery



Hybrid

- Combination of Fixed and T&M
- Flexible payment cycles
- Dedicated team members



Our Clients

Cyber Space Technologies partners with strategic hyperscalers to create transformative change



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Our Partners

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Deloitte.



**U .
S T**

**Tech
Mahindra**

virtusa



TAVANT



CRISIL
An S&P Global Company

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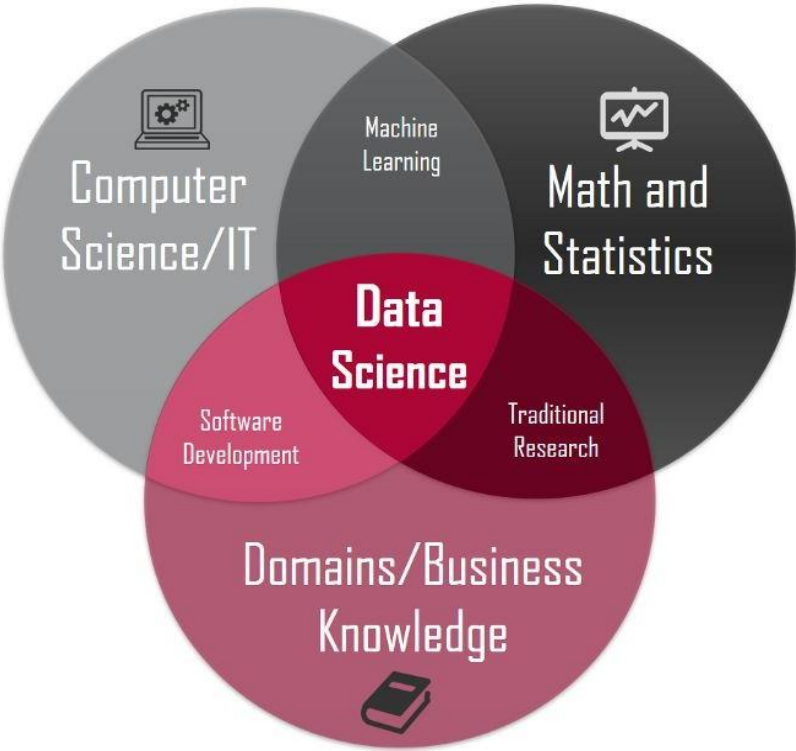


Our Data Engineering Practice



Data Science

- Data sciences is a study of data gathered from various part of life or various existing business in order to gain certain actionable insights or address specific business problems or research used for making business decisions.
- This collected data is analysed and studied using various tools, analytics and algorithms
- The primary objective is to find patterns and create predictive models leading to meaningful insights help business leaders to take more informed decisions.
- Examples of this work would be
 - Analyze churning rates
 - Automation of extracting specific information from digitized documents
 - Predictive analysis of behaviours
 - predictive analysis of frauds or transactions
 - Enhance efficiencies of market or competitive product analysis helping in enhancing product quality.



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Potential value addition



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Customer	Distribution	Product	Pricing
<ul style="list-style-type: none">✓ Customer profiling✓ Customer segmentation✓ Acquisition Strategy✓ Next best action✓ Retention, Renewal, Lapse prediction✓ Customer Experience	<ul style="list-style-type: none">✓ Performance✓ Supplier analytics and Segmentation✓ Sales Lead✓ Pipeline Forecasting✓ Producer Retention✓ Web Journey / Omnichannel Effectiveness✓ Channel Optimization	<ul style="list-style-type: none">✓ New Product Development✓ Portfolio Management✓ Underwriting Risk Selection✓ Product Analysis✓ Loss Control✓ Optimising Underwriting Cycle✓ Automated Rules Engine✓ Market and Competitive Research	<ul style="list-style-type: none">✓ Exposure / Policy level Pricing✓ Segmentation✓ Real Time Price Optimization✓ Pricing Elasticity✓ Competitive Pricing

AI/ML across Business



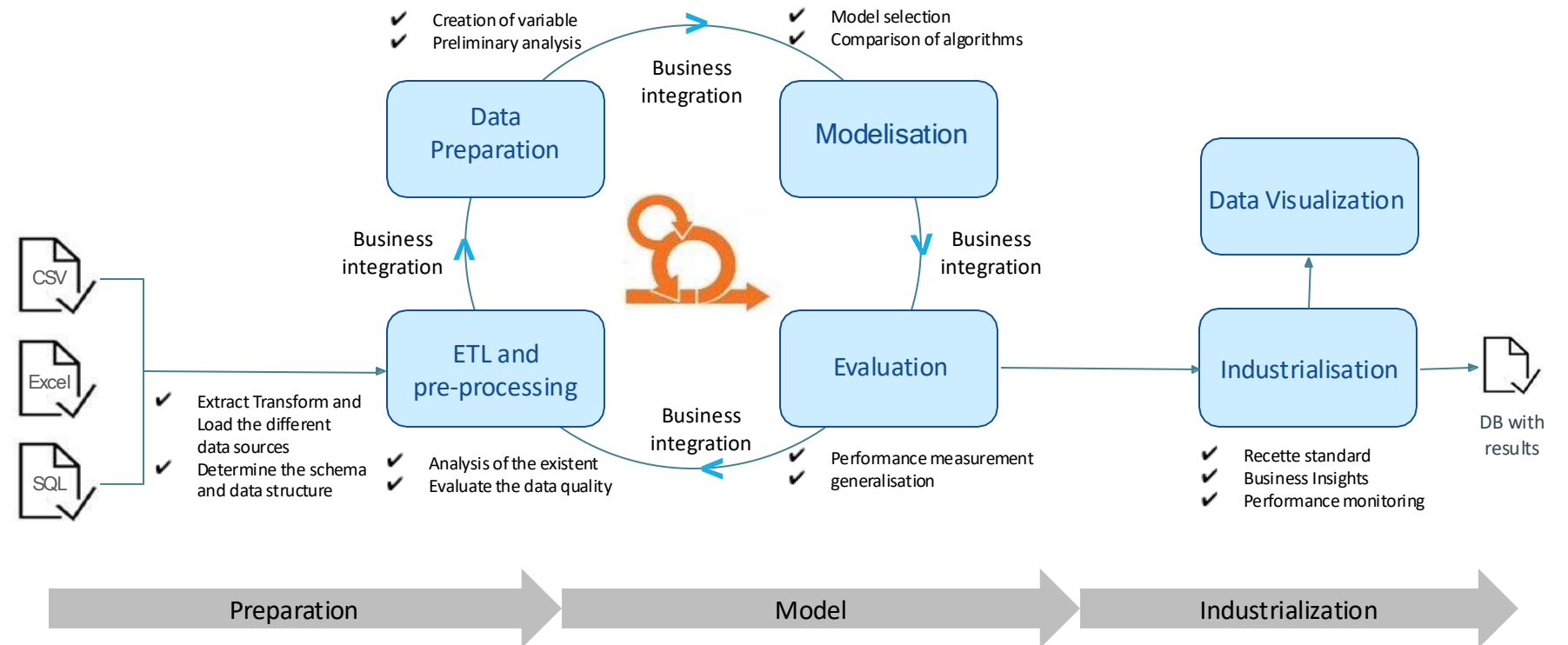
Retail	Finance	Healthcare	Energy
<ul style="list-style-type: none">✓ Auto-pricing✓ Pricing optimization✓ Product matching✓ Marketing campaigns optimization✓ Product promotion optimization✓ Product replenishment optimization✓ Customer profiling✓ Customer segmentation✓ Predicting inventory✓ Similar products✓ Recommendation	<ul style="list-style-type: none">✓ Algorithmic trading✓ Making investment predictions✓ Fraud detection and prevention✓ Portfolio management✓ Loan underwriting✓ Process automation✓ Customer data management✓ Decision-making✓ Customer service level Improvement (Chat bots)	<ul style="list-style-type: none">✓ Personalized medicine✓ Detecting fraud in healthcare claims✓ Identifying diseases and Diagnosis✓ Medical imaging diagnosis✓ Machine learning-based behavioral modification✓ Smart health records✓ Clinical trial and research	<ul style="list-style-type: none">✓ Predictive maintenance✓ Grid management✓ Demand and load forecasting✓ Reduced energy consumption✓ Reliable renewable energy forecasts✓ Energy source exploration✓ Optimize prices through better trading

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Approach at Cyber Space

The data science projects are agile by definition and with an iterative logic It would be necessary to do multiple iterations before having a final working model for industrialisation



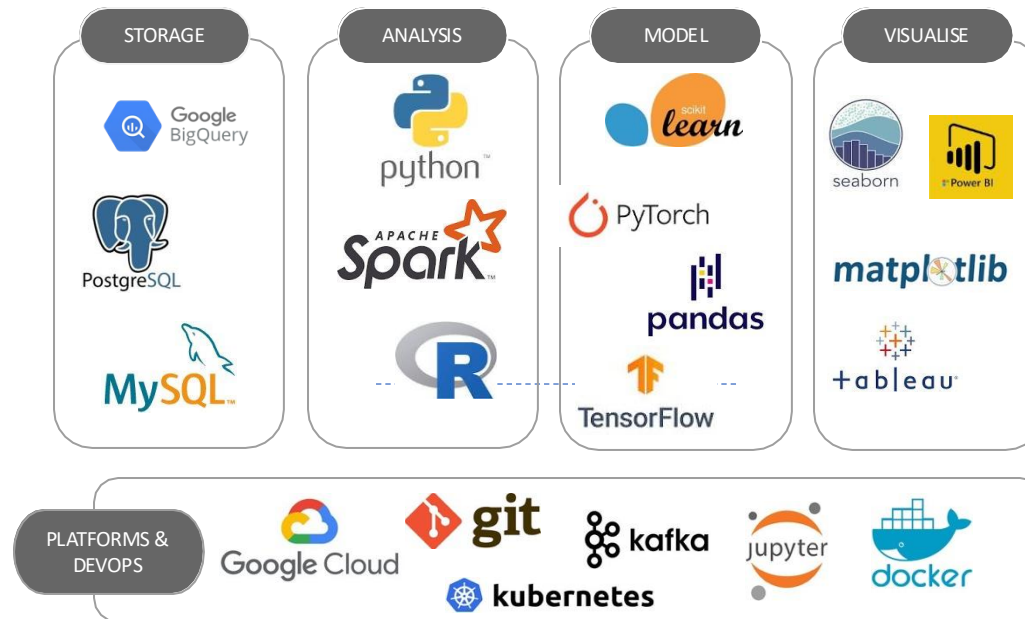
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Data ecosystem & Services at Cyberspace



Ecosystem:



Services:

- Data Scientist
- Data Analyst
- Data Engineer

- Business Analyst
- Project Manager
- Delivery Lead

- IT
- Systems Architect

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Capabilities

Methodology	Description	Tools capability @ Cyberspace
Machine learning	Read hidden patterns to learn and improvise the system	Scikit_learn, ML algorithms such as - Linear regression, KNN, Random forest, SVM, XGboost etc
Predictive analysis and visualization	Identify the likelihood of future outcomes based on historical data	ML algorithms, Azure ML, Data studio, Power BI, Tableau, Seaborn
Natural language processing	Analysis and synthesis of natural language and speech which makes human language decipherable to computer	Spacy, NLTK, Gensim, TF-IDF, Word2vec, Word2doc, Bert, FAISS
Object detection and image processing	Sorting image objects by detection, tracking and classification using computer vision	TensorFlow, Transformer, Pyspark, FAISS, OpenCV
Deep learning	A neural network that attempts to simulate human brain	Pytorch, TensorFlow, Theano, Pyspark, FAISS, OpenCV, Transformer
Big data analytics	Uncover trends, patterns and correlations in large amount of raw data	MongoDB, Azure, Google cloud, AWS, Apache spark, Tableau
Cloud services	Cloud architecture for model deployment and APIs	Azure, AWS, Google Cloud



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Thank You

Email: support@cyberspaceinc.com