Streamline data science from data discovery to deployment
**Data Science Solutions with MicroStrategy**

- Seamlessly deploy models to business users via visualizations, dossiers, mobile devices, Alexa, and chatbots
- Build models with governed data to ensure data integrity
- Use APIs to extract data and analyze it in program language of choice
- R Integration Pack allows for easy, code-free machine learning models

**Data Science Solutions without MicroStrategy**

- Disjointed data discovery, model building, and deployment workflow
- Poor data integrity and unmanaged data
- Data scientists siloed by working in different programming languages
- Lack of business user coding knowledge, but desire to use machine learning methods

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**Descriptive Statistics**

**Data Preparation**

**Modeling and Forecasting**

**Score and Testing**

**Deployment**

**Native**

**Integrated**

**Extended**

**APIs and SDKs**

**Constituents**

- Executives
- Management
- Sales
- Workforce
- Vendors
- Influencers
- VIP Clients
- Customers
- Constituents

**Applications**

- Enterprise Analytics
- Enterprise Reporting
- Big Data
- Data Discovery
- Embedded Analytics
- Enterprise Mobility
- Mobile Analytics
- Mobile Productivity
- External Apps
- Security
- Telemetry and IoT

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**350+ Native Statistical Functions**

- From basic summations to regressions, exponential smoothing and forecasts
- Create advanced statistical algorithms
- Requires minimal support from IT

**Integrate with Third-Party Languages**

- Embed native PMML models
- Incorporate SAS and SPSS with the same ease as native functions
- Integrate with SAP Automated Analytics, formerly known as KXEN

**Seamlessly Integrate with R**

- Innovative integration with R that’s fast, simple, and scalable
- Algorithms, like ARIMA, statistics, or analyses generated in R can be seamlessly incorporated into a MicroStrategy dashboard or visualization

**Use APIs to Connect to Any Source**

- Connect to any data source with MicroStrategy’s APIs ecosystem and analyze it anywhere, including Python and R
- Easily import complex analyses, like neural networks, into MicroStrategy
- Work with Python libraries like TensorFlow

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**MicroStrategy + Machine Learning | STREAMLINE PREDICTIVE ANALYTICS FROM DATA DISCOVERY TO DEPLOYMENT**