



Automatic Accurate Predictions with Data Robot

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Just waiting for all attendees to join...

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FAQ's

- Is this session being recorded? Yes
- Can I get a copy of the slides? Yes, we'll email links to download materials after the session has ended.
- Can we arrange a re-run for colleagues? Yes, just ask us.
- How can I ask questions? All lines are muted so please use the chat panel if we run out of time we will follow up with you.









- Gold accredited partner to IBM, Predictive Solutions and DataRobot specialising in advanced analytics & big data technologies
- Work with open source technologies (R, Python, Spark etc.)
- Team each has 15 to 30 years of experience working in the advanced and predictive analytics industry

- Deep experience of applied advanced analytics applications across sectors
 - Retail

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- Gaming
- Utilities
- Insurance
- Telecommunications
- Media
- FMCG





- A mature, enterprise-ready AI lifecycle platform that supports:
 - Integration with Generative and Predictive AI
 - A wide portfolio of data formats and data preparation capabilities
 - Automatic feature-engineering
 - Automatic model-building using multiple DR and 3rd Party algorithms
 - Deep model evaluation functionality
 - Model transparency via blueprints and detailed documentation
 - Intelligent use of multimodal data e.g. text, image and geospatial

Automatically detects and processes multi modal data







- A mature, enterprise-ready AI lifecycle platform that supports:
 - Code-first approaches via Jupyter-compatible DataRobot Notebooks
 - Single point for model deployment in multiple modes
 - Champion-challenger and re-training policies
 - Model governance options including monitoring, service help, accuracy, drift as well as fairness/bias
 - Work-bench interface where different personas can collaborate

Two modes to get started: Workbench



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Two modes to get started: Classic



Accepted formats: .csv, .tsv, .dsv, .xls, .xlsx, .sas7bdat, .geojson, .gz, .bz2, .tar, .tgz, .zip





Scenario: Predicting Loan Default







LENDING CLUB





Let's take a look...

Deployed Models



TataRobot Deployments Model Registry Applications Al Catalog								
Deployments List Prediction Jobs								
Active Deployments 9 © 0 inactive	Predictions 1.44M (+6.6%) Last 7 Days		Service Health Summary 9 Passing 0 0 At Risk 0 Failing		Data Drift Summary 9 9 Passing 0 0 At Risk 0 0 Failing		Accuracy Summary 9 9 Passing 0 0 At Risk 0 0 Failing	
Q Search + Add Deployment Tilters (0) Columns < Prediction Health > Rows < 1-9 of 9 >								
Deployment Name	Service	Drift	Accuracy 1	Activi	ty	Avg. Predictions/Day	Last Prediction	
MMM BostonMon Twitter messages polarity m DataRobot Prediction Server newdata.csv NEEDS APPROVAL	ionitoring in Bosto	ø	•	May 22	now	28k	a few seconds ago	
Demo Probability of Default (Risk Management DataRobot Prediction Server New Model for LC		0	0	May 22	now	22k	a minute ago	
Employee Candidate Score (People Operations DataRobot Prediction Server New Model for LC		0	ø	May 22	now	22k	a few seconds ago	
Interest Score (Marketing) DataRobot Prediction Server New Model for LC	C (19NOV) Project 🥏	0	۲	May 22	now	22k	a few seconds ago	
Compute Optimization (CloudOps) DataRobot Prediction Server New Model for LC	C (19NOV) Project 🤗	0	0	May 22	now	22k	a few seconds ago	

Deployed Models: Service Health





Deployed Models: Accuracy





Deployed Models: Data Drift





Working with Smart Vision Europe

Consulting Services

Project Support

Purchase 1-2 days of consultancy time to have an expert work alongside you on your own project

Analytics Advice

Give us 3-5 days to investigate your data & analytical strategy and we'll present our recommendations re: improvements & alternatives

Analytical Deep-Dive

Let us explore your data landscape to test hypotheses, identify problem areas, find key outcome drivers or develop new applications



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 - Assist with selection, pilot, implementation & support of analytical tools
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- Training and Consulting Services
 - Guided consulting & training to develop in house skills
 - Delivery of classroom training courses / side by side training support
 - Identification & recruitment of analytical skills into your organisation
- Advice and Support
 - offer 'no strings attached' technical and business advice relating to analytical activities
 - Technical support services





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Thank you

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Thank you

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