

Democratizing AI at scale



Whether you are just getting started with AI or need to scale your AI operations, dotData's Automated Feature Discovery and Engineering Platform can help you maximize your investment in AI





Introduction

Data and AI/ML applications holds the key to an era of innovation and is increasingly becoming pervasive in our lives. Businesses across sectors are leveraging the transformative potential of AI for data-driven decision-making. However, at the core of the AI revolution lies feature discovery - turning raw business data into valuable and meaningful features ready for AI/ML deployment and applications, something that most enterprises are struggling to address.

According to a research, only 20% of companies have mature AI/ML Initiatives. The companies and business lack awareness on the deployment and the utility aspects of the technology. This gap makes businesses lag the value that the seamlessness AI can contribute to all operations, while extracting the maximum ROI.

dotData

dotData democratizes the use of AI and Machine Learning by making it simple for organizations of any size to leverage the power of their data through fast, unique, and easy-to-use tools.

dotData Offerings

dotData Enterprise

The product streamlines feature discovery & engineering and machine learning development. Leverage no-code end-to-end automation and empower Analytics teams in building predictive models in days to make your dashboards predictive and actionable.

dotData Py

dotData Py is an enterprise-grade feature discovery platform that helps data science and data engineering teams iterate feature engineering faster and build production-quality feature pipelines automatically. Explore 100x more features in hours and augment your features with AI features.

Why dotData?

DotData delivers an end-to-end data science automation for the enterprise. Its data science automation platform speeds time to value by accelerating, democratizing, and operationalizing the entire data science process through automation.



Automated Feature Discovery

dotData discover patterns in your enterprise data by searching millions of hypotheses across dozens of tables, thousands of columns, and billions of rows of data, just in hours automatically.



Transparency & Insight

dotData produces natural language feature explanations to contextually understand the features and feature blueprint to visually understand the data lineage, that helps you to build truly transparent ML-based predictive models.



No-Code, End-to-End AI Automation

Give your analytics team the power of an end-to-end GUI-based no-code platform to turn your analytics team into a predictive analytics powerhouse.



Trust and Laurels

dotData is trusted by industry leaders and partners around the world. We have been named a leader by Forrester in the AutoML space especially because of our exceptional feature engineering capability, have received numerous awards and are a trusted AWS and Microsoft Partner.



Industry Use Cases



Financial Services

- B2B Credit default probability
- Predict transaction count needed for authorization
- Smart dunning, predicting ideal credit card processing schedule



Manufacturing

- Production lead-time and production optimization
- Product quality & yield analysis for product line improvement
- Temperature prediction for scrap melting process



Telecom

- Predict payment app traction for traditional mobile customers
- Customer sentiment analysis based on voice data
- Network QOS analysis for wireless base stations



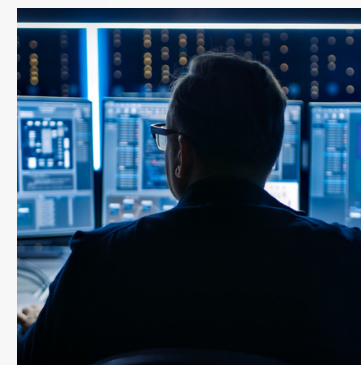
Retail

- Demand forecasting & inventory optimization
- Persona Analytics
- Fraud Detection



Insurance

- Underwriting risk assessment
- Premium pricing
- Claim fraud detection



General Purpose

- Sales forecasting & funnel optimization
- Employee satisfaction & attrition analysis
- Credit default prediction for A/R
- Customer Analytics: Acquisition, upgrade & retention

Case Studies of Companies

\$8M 90 Days

sticky.io, saw a decline of over \$24M per month credit card transactions. But, with dotData ML model, it was able to recover \$8M per month of previously declined transaction - all in under 90 days!

\$12M 60 Days

A national wholesale retailer wanted to predict the probability of clients defaulting on their account's receivables. dotData leaped in with its ML model, and in under 60 days helped them save \$12M!

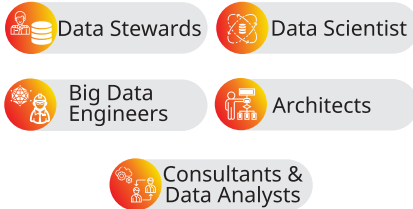


WHY NEC?

Our Core business experience combined with technical expertise and extensive experience in usage of AI tools and frameworks makes NEC the right strategic partner for diverse nature of analytics project.

Skilled Workforce

In-houser business & domain experts



Subject Matter Experts

Solving Complex Data Challenges
Myriad of Successful Analytics Projects

Dedicated Analytics Research Labs

Work for Solutions for Societies

Robust Partner Ecosystem



Strong Partnerships & Alliances Across Data Platforms and Analytics Solutions

Technology Stack



Headquartered in Japan, NEC Corporation brings more than 122 years of expertise in technological innovation. With 49000 patents, 1 lakh + employees and business operations in more than 50 countries, NEC today stands as the leader in the integration of IT and network technologies, building solutions empowering people, businesses and society.

Contact us for more information:

 marketing@india.nec.com

 in.nec.com

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