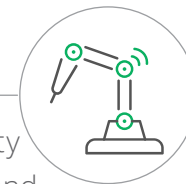




TEXT ANALYTICS IN RPA

- **Extract and analyze** categories, entities, topics and more
- **Usable on almost any text document**, tickets, contracts, invoices, and others
- **Key to supporting** broader enterprise use cases

Lexalytics for Robotic Process Automation



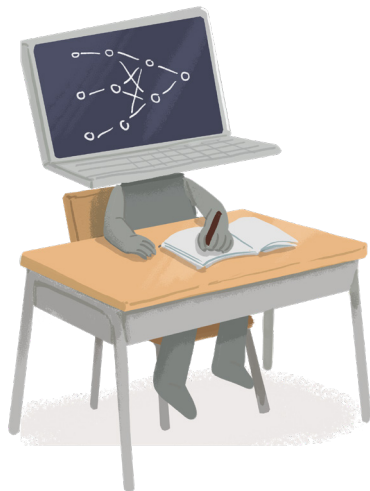
Robotic Process Automation (RPA) is moving towards larger, transformational projects. As part of this shift, enterprises want to combine RPA with other analytics components, including text analytics and natural language processing (NLP).

Despite clear demand, **many RPA vendors struggle to support basic text analytics use cases**. Others have stronger NLP but lack capabilities with unstructured or semi-structured documents, including PDFs. And still others have trouble fitting text analytics and NLP analytics components into larger RPA environments. RPA vendors trying to add text analytics and NLP to their platform quickly **find themselves facing a “build or buy” decision**.

Open source libraries have scalability issues, often lack key NLP features, and require a heavy technical lift to implement. And many **off-the-shelf NLP solutions** can't meet the vendor's own customers' demands for on-premise deployment or deep customization. In both cases, adding machine learning models to the system requires an entirely new set of technical resources.

This is where Lexalytics comes in.





SAMPLE INTEGRATION PLAN

- 1 **Integrate** Lexalytics text analytics and NLP into your RPA platform
- 2a **Quickly solve** basic text analytics use cases
- 2b **Build out** new configurations and roll out deeper NLP features
- 3 **Offer new value** by integrating text analytics into larger customer RPA initiatives

Lexalytics for Robotic Process Automation

Lexalytics offers an **easy-to-integrate text analytics** solution that is stable, scalable, and offers more natural language processing features than any other. Integrate our engine into your RPA platform to **deliver out-of-the-box analytical value** to your own customers, such as categorization of customer support tickets or entity recognition on contracts.

You can plug in our industry packs to **instantly improve accuracy and precision** on vertical-specific content or manually configure each feature to offer bespoke analytics on a customer-by-customer basis. And our machine learning services team can help you **solve particularly tricky data-related problems** with custom “micromodels.”

Lexalytics is the perfect technical partner for any RPA vendor looking to offer that next level of analytical differentiation. Through our text analytics, machine learning, and more than 15 years of industry experience, you'll support more use cases and differentiate yourself in the rapidly growing RPA market.

CONTACT US TO LEARN MORE:

lexalytics.com/contact



SAMPLE MACHINE LEARNING MICROMODELS FOR RPA

- **Extracting non-traditional data**, such as stock ticker symbols and medical codes
- **Differentiating punctuation marks** from random ink dots in OCR-scanned contracts
- **Categorization of specific, ambiguous products and services**



DEPLOYMENT

Deploy across any combination of on-premise, private cloud, hybrid cloud and public cloud infrastructure.

LANGUAGES

24 languages and dialects representing 67% of the world's population across 6 continents.



SPEED AND SCALABILITY

Our systems can analyze 200 tweets or more every second while effortlessly scaling from a single processor core up to an entire data center.

