



Derwent Innovation | Predictive Analytics

Improving patent intelligence

With world-class information and cutting-edge data science

Make better, faster business decisions with accessible patent metrics

The world of patents is expanding at an unmanageable rate. Not only is the volume of information from recognized authorities increasing, but new sources are continually added. Analysis and prioritization of data sets become possible with the application of metrics, but patent intelligence traditionally entails specific tools, particular skills, and considerable time to produce, limiting its usefulness.

Derwent Innovation's Predictive Analytics help remove these roadblocks by making critical patent metrics available to all users – novice and advanced. Leveraging machine learning and historical data covering more than 150 input variables, Derwent has designed a suite of proprietary predictive patent analytics, meaning you no longer need the help of a data guru to make more informed business decisions or help your organization accurately appreciate the value of a project.

Patent Evaluation Metrics: Actionable insights on patent relative importance and strength

New, effective ways to compare clusters or portfolios of patents for value or importance can give you a competitive edge. Derwent's Patent Evaluation metrics provide actionable insight on patent relative importance and strength. The normalized 100-point scale allows you to quickly differentiate the most interesting and valuable patents within a dataset, so you can prioritize them and drastically reduce your review time.

- **Domain influence**
Assess how influential this patent is to the technical domain to which it belongs.
- **Strategic importance**
Determine how important this patent is to the entity that owns it.
- **Combined patent impact**
Aggregating the metrics above, understand how important this patent is relative to any others.

Event Prediction Metrics: Valuable indicators of likelihood of patent legal status changes

Effective competitive intelligence programs and market threat analyses necessitate earliest possible detection of legal status events in third-party patent portfolios that could impact your current or future business strategy. The predictive nature of these metrics means they can act as additional early-warning flags indicating that competitor IP may become, or cease to be, a risk for your organization.

- **Probability of grant**
Determine the likelihood that this patent application will be granted, so you can proactively avoid conflict.
- **Probability of early lapse**
Easily identify the patents likely to lapse before their full term and clear your path to operate.
- **Probability of restoration**
Minimize risk and make sure that path to operate is truly clear by understanding which lapsed patents may well be restored during their grace period.

All predictive analytics within Derwent Innovation are exportable in Excel, CSV, DDA, and BizInt formats to aid in additional analysis.

[derwent.com](https://www.derwent.com)