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Employee Turnover App

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What are we addressing?

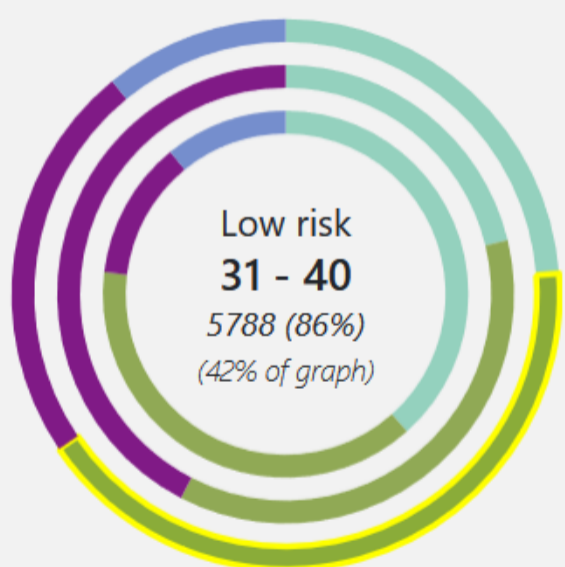
Employee turnover poses a fundamental economic and logistic risk to every company in every sector. What drives these people to consider their employment worth? With current state of technology and data science, we strive to solve this question without difficulty.

How do we approach it?

Data model containing the employee information, machine learning algorithm to predict possible resignation probability and a powerful web based solution accessible from anywhere you would think. A likely future of HR with no scaling, adapting or cost issues.

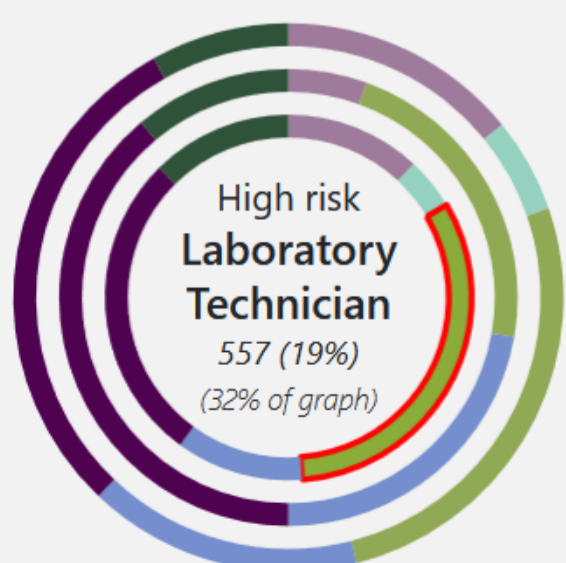


Age - filtered personnel attribute distribution



10 - 20	273	0%
21 - 30	4214	26%
31 - 40	6703	41%
41 - 50	3577	22%
51 - 60	1770	11%

Role - filtered personnel attribute distribution



Healthcare Representative	1490	14%
Human Resources	584	5%
Laboratory Technician	2939	27%
Manager	1169	0%
Manufacturing Director	1658	15%
Research Director	976	0%
Research Scientist	3175	29%
Sales Executive	3592	0%
Sales Representative	954	9%

Where are we now?

A simple upload interface hiding a powerful pre-trained algorithm backed by a lightweight data model on a remote server. Once processed the data is visualized on an easy to read and fast to navigate web console – providing both visual clusters focused graphs as well as an individual approach focused table. Look for the important, filter out the unnecessary and solve with efficiency, simplicity and precision.