



# Elasticsearch recommendation engine

## Prospeum challenge



# The Challenge



- Postgres Database
- Over 5000 company profiles including product and service tags



elasticsearch

- **Design Index mapping** from Postgres database (potentially enriched by Neo4J graph DB)
- Build search index
- Calculate relevance scores based on user request
- Return weighted results



{ REST }

- User searches for product or service data
- Receives weighted list of potential providers



# Why you should choose this challenge

1. Gain knowledge of Elasticsearch
  1. Elasticsearch is a highly scalable open-source full-text search and analytics engine
  2. Easy to use
  3. Widely employed in big data applications in corporate and start up contexts (Netflix, Tinder, Spotify, etc.)
2. Direct usage by Prospeum users



# Next level B2B sourcing.

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Integrates best with



Integration possible (i.e.)



**TRADESHIFT**

Reference Customer

**LB≡BW**