Smart Hire
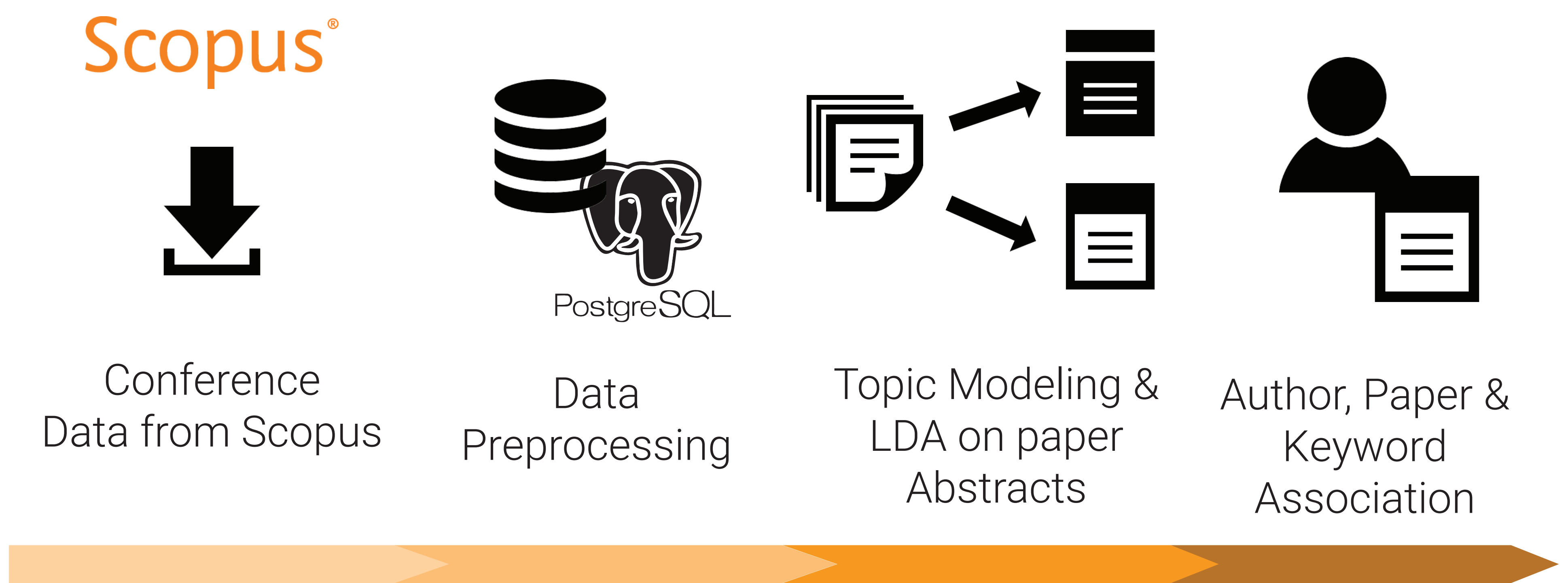## Hiring The Right People Made Easier!

amazon

PROBLEM
Amazon's Strategic Recruitment Team currently faces a shortage of information about a Machine Learning (ML) expert's past collaborations, affiliations and research trends over time for efficient executive hiring
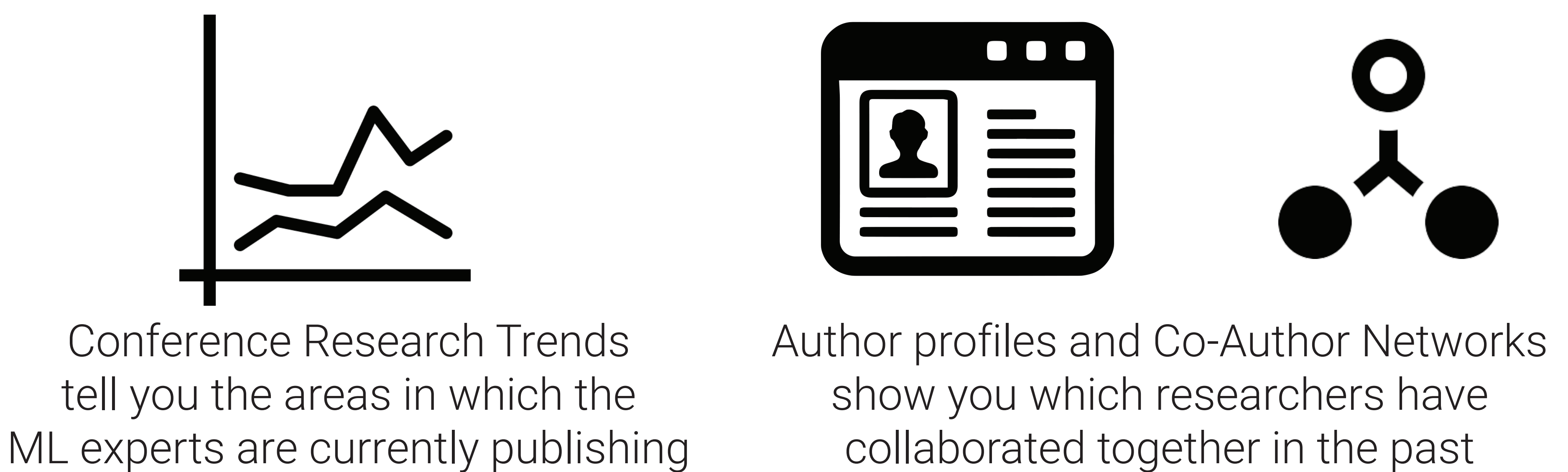
PROPOSAL
Create a portal exclusively for Amazon's SR Team, providing easy access to information about ML experts publishing in top ML conferences along with detailed insights.

THE PROCESS

Scopus®

Conference Data from Scopus

PostgreSQL

Data Preprocessing

Topic Modeling & LDA on paper Abstracts

Author, Paper & Keyword Association

THE RESULT

Conference Research Trends tell you the areas in which the ML experts are currently publishing

Author profiles and Co-Author Networks show you which researchers have collaborated together in the past

IMPACT

- Better networking opportunities using the Co-Author Network
- Stay informed about the current research trends
- Author tagging aligned with Amazon SRT's existing terminology
- Increased hiring efficiency

Information School
UNIVERSITY of WASHINGTON
Full Time MS in Information Management

Team Members:
Scarlett Dias
Tejas Karangale

Sponsors (Amazon):
Eric Medioni
Kala Nicholson