



KONICA MINOLTA

# GLOBAL R&D

Research for new values

## University Collaboration

Association of Industrial Partners FI MU

TOGETHER FROM CONCEPT DESIGN,  
THROUGH RESEARCH AND DEVELOPMENT,  
TO PILOTS



FROM  
CONCEPT DESIGN



THROUGH  
RESEARCH



AGILE DEVELOPMENT  
AND TESTING



TO FIRST STEPS OF  
PRE-PRODUCTION



# Student Projects

## Event Miner

Bachelor's Degree

Extraction of events (time, description, place) in business documents

## Process Discovery

Master's Degree

User behavior prediction in information system and form filling suggestion

## OfficeBot

Master's Degree

Slack Bot able to detect conversations interesting for particular user

## OCR Miner

Doctor's Degree

Extraction of business/legal information from invoices and contracts (buyer, seller, amount, dates, payment method, contract parties, contract subject, ...)

## Algebra for Complex Analytical Queries

Doctor's Degree

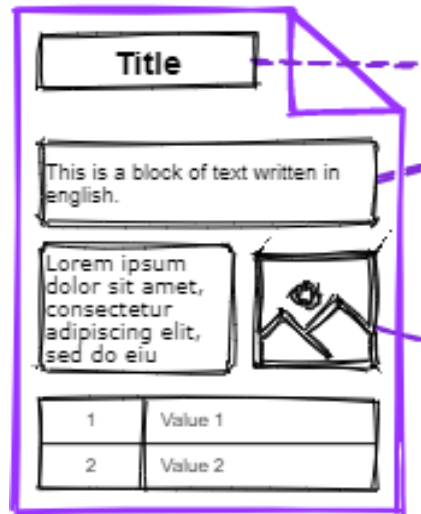
Generic data analysis optimized for complex analytical workflows over graph data (relations and interactions between users and documents)



# Topics of Interest

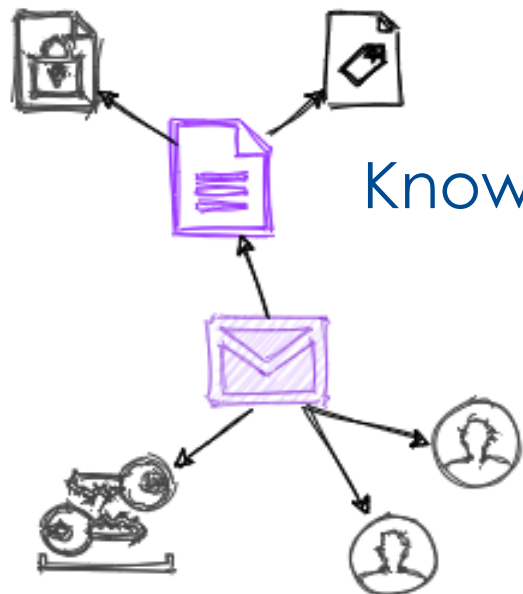
## Document understanding

- Natural Language Processing
- Image processing



## Process discovery & mining

- Timeseries processing
- Process modelling



## Knowledge graph data processing

- Semantic technologies
- Social graphs

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