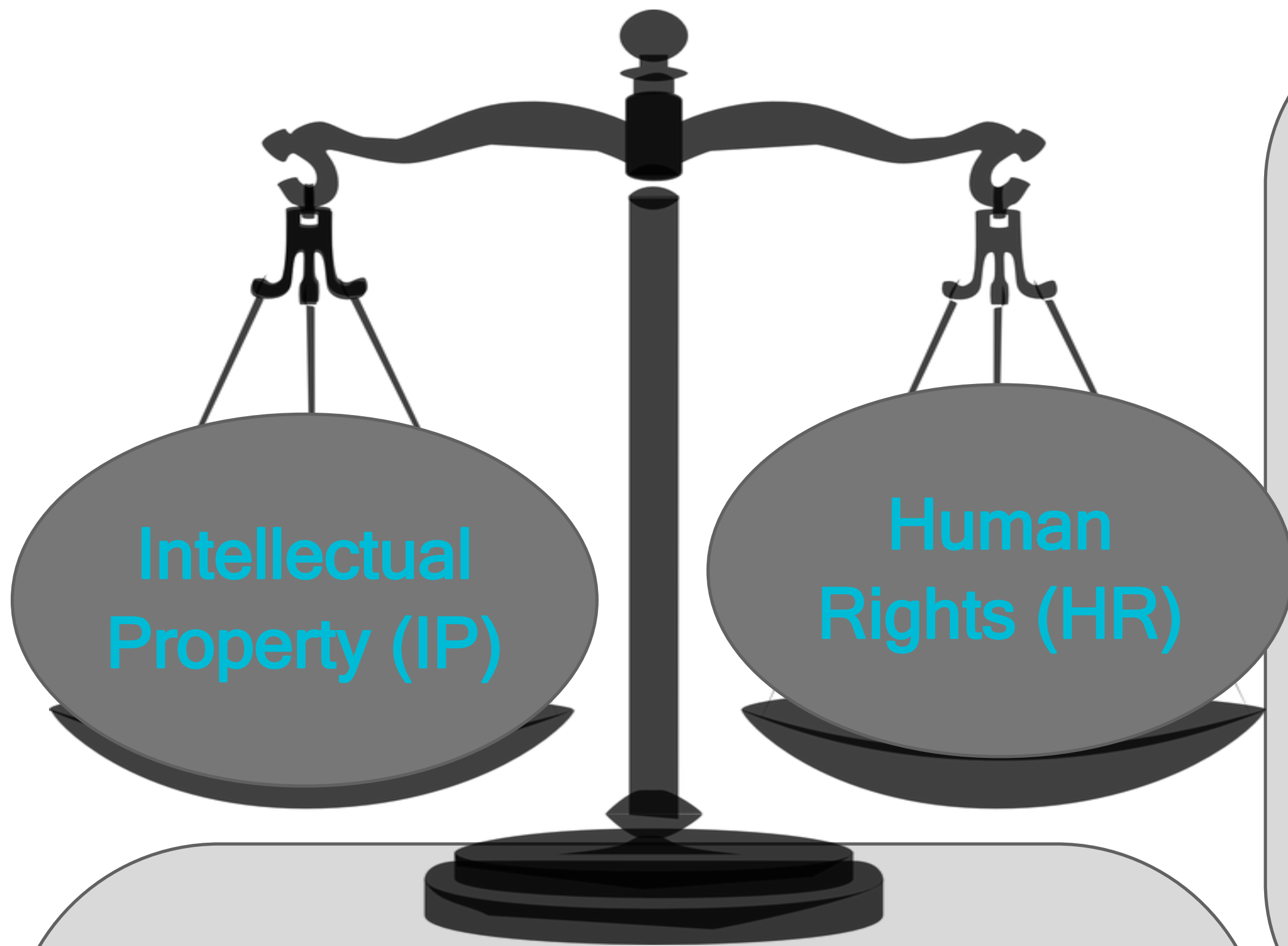


Natural Language Processing in Law

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Background

- Intellectual property's primary purpose is to incentivise creation of ideas
- But over protection of IP can limit access and hinder HR
- Showing discussion between fields may help maintain balance
- Previously done on case-by-case basis; natural language processing can provide systematic evidence quickly

#3 Usability

- Provide a supplementing user interface for non-Computer Scientists
- Allows intuitive uploads of new articles and displays of results

#1 Classification

- Gather HR and IP documents and establish ground truths
- Use ML and rule-based methods
- Experiment with modelling algorithms and features to find best classifications



#2 Visualisation

- Key to demonstrating evidence
- 3D graph showing how journal articles language relates to a field/who it protects over time
- Patterns can further understanding of how events affect the relationship

