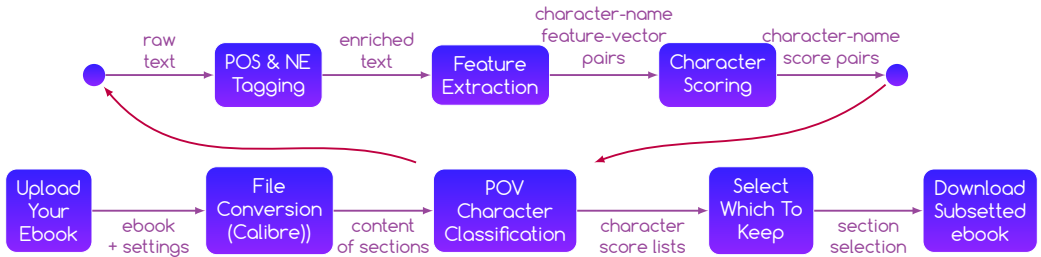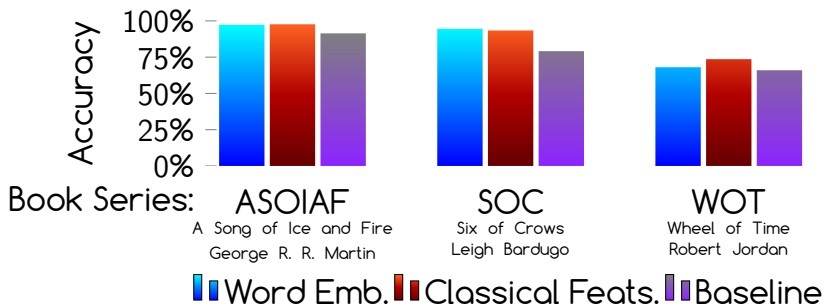# NovelPerspective
Identifying Point of View Characters

Skip the boring character's chapters.
Read each character's story without interruptions.

raw text → **POS & NE Tagging** → enriched text → **Feature Extraction** → character-name feature-vector pairs → **Character Scoring** → character-name score pairs

Upload Your Ebook → ebook + settings → **File Conversion (Calibre))** → content of sections → **POV Character Classification** → character score lists → **Select Which To Keep** → section selection → **Download Subsetted ebook**

Core idea: Train a binary classifier to determine if a name token is that of the POV character, based on a feature vector representing that token's usage.
Use this as a POV-likelihood score for that named entity.

Accuracy (Book Series):

ASOIAF
A Song of Ice and Fire
George R. R. Martin

SOC
Six of Crows
Leigh Bardugo

WOT
Wheel of Time
Robert Jordan

■■ Word Emb. ■■ Classical Feats. ■■ Baseline

http://novelperspective.ucc.asn.au/

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Talk to me about NLP, ML and Data Science
in JuliaLang