



Recipe Generator

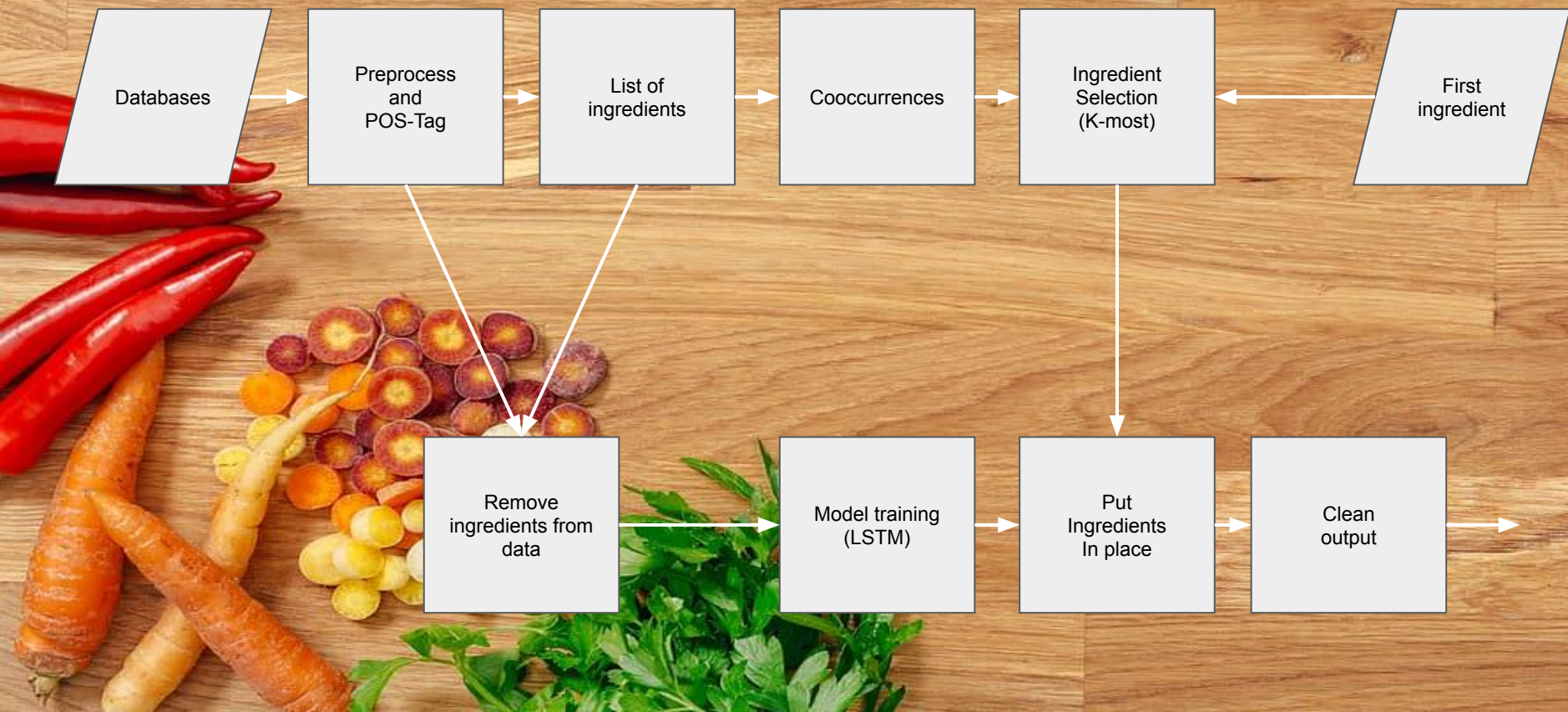
AnneLouise, Berke & Yuval

Goals and motivation

- Combat food waste and save money
- Explore new recipes possibilities
- The challenge



Methodology and model overview



Datasets and pre-processing

Our data

- Ingredients list
- Recipes dataset
- CSV file - subheadings

Pre-processing

- Cleaning and organizing data
- Targeting INGREDIENTS (POS-tag)
- Co-occurrences
- "Olive oil" -> "olive" and "oil"
- 4/5 cups

LSTM RNN model training

Advantages:

- Good at keeping context
- Long term 'memory'

Difficulties we encountered:

- Hardware limitations
- The verbs "add" and "combine"
- Zero-length and infinitely long sentences



Results and conclusions

- Size of dataset
- Model structure and method
- Computational costs

TODAY'S RECIPE:

Combine tomato water and crushed onion in mixer bowl. Using a wire whip beat at medium speed about 2 minutes or until well blended. Add pepper or salt gradually while mixing at low speed 3 minutes. Mix at medium speed 1 minute or until well blended. Cover; ice until ready to serve.



Thank you for listening!
Questions?

