Conversational AI: Speech Processing and Synthesis
(UCS749)

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1. Read and summarise the paper in about 50 words.

The paper **"Speech Commands: A Dataset for Limited-Vocabulary Speech Recognition"** by Pete Warden discusses an audio dataset designed for keyword spotting systems, focusing on small speech recognition tasks. It explains the dataset's structure, which includes 35 commonly used words, and its utility in training lightweight, energy-efficient models for on-device applications. The paper also describes data collection, processing methodologies, and provides baseline results, aiming to standardize training and evaluation for such tasks.

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