## **Draft poster content**

Spend 10-15 minutes roughly draft ideas for your poster. Use the following prompts to help you.

1. Who will be reading your poster?

General Audience, industry leaders and judges

2. What is your take home message?

We need a better dataset in terms of quality and quantity for the NZ English dataset.

3. Background/context. Write down 2-3 bullet points outlining the key background information your audience needs to know.

Speech recognition systems need datasets for “learning” to recognise words

NZ dialect of english is distinct from american english, which is the most common “learning” set

4. What is the problem/gap?

Minimise the effects of NZ english on ASR systems: Make it so that speech recognition systems can properly “understand” NZ english

5. What is your approach to solving it? Why are you using this approach? Would a diagram help explain your approach?

6. What have you found? Only include 1 or 2 key results.

- Current best commercial systems’ NZ models perform worse than US models on NZ data.

- Finetuning open sourced models only resulted in minimal improvement

7. Which 1 or 2 pieces of data will you use to illustrate what you’ve found? How will you present these?

8. What does it all mean? Why should your audience care?

There is a lack of representation on NZ English for current datasets. As speech recognition technology becomes more widely adopted, it becomes increasingly important that the systems are able to effectively understand a wide variety of different english dialects.Important technology such as accessibility technology can rely on speech recognition and inequality in the performance of such technology is inequitable.