

Lab 4 - PF

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Part 3

	Audio	ASR hypothesis	Background	Result
1st try	"My name is Gustavo"	MY NAME IS CHRISTINE	Clean	NOT OK
2nd try	"What is your name"	WHAT IS YOUR NAME	Clean	OK
3rd try	"What is your name"	WHAT IS YOUR NAME	White noise	OK
4th try	"What is your name"	WHAT IS YOUR PLAN	Party noise	NOT OK
5th try	"What is your name"	WHAT IS THE OTHER WAY	People talking	NOT OK

As we can see, the ASR in the first audio did not recognize the spelled name and it thought it was "Christine" instead.

So we decided to test with more common english words, without using specific names from persons, and now the results were correct for the "What is your name" sentence.

Now, by adding some background white noise, the ASR did it well for the same sentence.

But from the moment we started adding different types of noises, like background noise from a party, a little bit loud, the ASR was close to giving the correct answer but it missed the "name" word and replaced it with "plan".

Last, we added background with people talking a little bit loud and the result was very different from the original input, replacing "your name" part with "the other way".