# Introduction

My name is Mitsuko and I am working as Geophysicist in a major oil service company. In few words, I' m writing processing software for geophysical data. Last few years were tough for the oil industry. Unfortunately, I saw many of my friends and colleagues laid off. It was not the best time ever in my life as employee! If the business is not picking up, I might be the next one to go.

I decided to join this course to be ready when it will happen.

I am very excited to learn how data are used in other domains and explore other horizons.

# What I want to learn

I want to learn how data are handle in others domain. I’m a Geophysicist, and I am used to manipulate data… but data related to Sciences. All my data have physical meaning and have constrains we can’t ignore because it’s Physics and natural laws. Even if I do use huge dataset (few Gb to Tb files), my data are still very specific and we are limited because we don’t have enough samples.

I want to learn how to handle “normal” data without being limited, how to build database. In other words, I want to learn how data are used in everyday life.

# My skills

I am coding every day at work. I write my codes in C/C++ and fortran. I used also Matlab a lot. Few years back, I used to work in Linux environment. So, I don’t think I will have problem in programming during this course.

I am completely new in database and I want to learn that.

I want to be more “fluent” in python and other language used data science (tensorFlow, R, etc… )