

Week 1: Welcome to the Specialization with Andrew Ng and Prance

- First course: build algorithm look at chest X-ray  
→ determine → disease / or not.

Also build algorithm → identify → tumor location (MRI)

**Diagnosis** is about identifying disease, process of determining which disease or condition explain the person's symptoms signs, and medical results.

- Second course: Learn how to work with structure data → patient's lab values + demographic

↳ predict risk of an event

(risk of death or risk of heart attack)

**Prognosis** is about predicting the future health of the patient

- Third course: Learn about AI for treatment

machine learning model } → estimate treatment effect → patient

AI application for text } → question answering  
extracting labels (radiology reports)