## **LEARNING OBJECTIVES - Lecture 5 (Variational Autoencoders II)**

After attending lecture and completing the associated readings, you should be able to:

- 1. Derive ELBO (variational lower bound)
- 2. Discuss how KL divergence term in ELBO determines two "distances"
- 3. Derive reparameterization trick
- 4. State and manipulate the InfoVAE objective