

# Machine Learning in the Life Sciences

11 June 2024

This schedule gives you an idea of the topics to be covered and how long we will spend on them. Timings are flexible and subject to change. ([Check the start time in your timezone](#))

Time start (AEST)	Introduction	Who
10:55	Zoom opened for participants	All
11:00	Welcome and Housekeeping	Melissa
11:05	Mentimeter: Which scenarios are appropriate for using ML?	All
11:10	Talk: Introduction to Machine learning	Ben
11:40	Interactive section: exploring data and fitting a model	All
11:55	Talk: Performance metrics and classes of models	Ben
12:15	Interactive section: Evaluation of models and metrics	All
12:25	Talk: Overfitting and evaluation frameworks	Ben
12:40	Interactive section: Model selection	All
12:55	Discussion: Generalisation concerns	All
13:00	<b>BREAK</b>	
13:35	Model selection: feature selection and parameter tuning	Ben
13:50	Interactive section: Model selection	All
14:05	Discussion - further concerns	Ben
14:25	Q&A	All
14:50	Wrap up and feedback	Melissa
15:00	<b>End of Workshop</b>	