

# Statistical Rethinking Book Club, 2022

Tim Feeney

June-August 2022

Link to book for those that need it

Scheduled Time: Thursdays 4pm-5pm

Schedule:

Date	Topic	Chapter	Problems	Youtube link
June 2	Introduction	1: Golem of Prague		Lec 1
June 9	Bayesian Inference: Possibilities	2: Small Worlds and Large Worlds		Lec 2
June 16	Bayesian Inference: Sampling	3: Sampling the Imaginary		
June 23	Modelling	4: Geocentric Models		Lec 3
June 30	Variable Selection and Confounding	5: The Many Variables and the Spurious Waffles & 6: The Haunted DAG and The Causal Terror		Lec 4 Lec 5 Lec 6 Lec 7
July 7	Model Building: Parameterization	7: Ulysses' Compass		[Lec 3]
July 14	Model Building: Interaction Terms	8: Conditional Manatees		[Lec 3]
July 21	MCMC	9: Markov Chain Monte Carlo		Lec 8 <a href="https://www.youtube.com/watch?v=Qqz5AJjyugM&amp;list=PLDcUM9US4XdMROZ57-OIRtIK0aOynbgZN&amp;index=9">https://www.youtube.com/watch?v=Qqz5AJjyugM&amp;list=PLDcUM9US4XdMROZ57-OIRtIK0aOynbgZN&amp;index=9</a>
July 28	GLMs	10: Big Entropy and The GLM		Lec 9
Aug 4	Extensions of the GLM	11: God Spiked the Integers		Lec 10 Lec 11