



## The Survivalverse

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Survival analysis is the study of time until an event of interest. In engineering applications, it can mean time until a device breaks (reliability). In HR applications, these methods can be used to model time to promotion or job tenure. In health studies, be[2( m)0.-y 7)9CaD (,)26e)-p4w 6(f)3 (i)-k (,)23b(e

(which is also what makes research fun!). As such, researchers are expected to maintain effective transparent, frequent communication with Dr. Gore throughout the summer.

	Training on developing R packages
	Crash course on survival analysis/reliability M: Survival basics, censored data, event plots, Kaplan Meier curves T: Practice methods on datasets W: Parametric survival analysis H: Practice methods on datasets F: Talk through the current Survivalverse package components
	Map out survivalverse ecosystem & implementation plan Create geom_AF for general accelerated life tests (ALT)
	Create geom_ALT for temperature, voltage ALT's.
	Documentation & datasets for geom_AF, geom_ALT
	Create geom_coxph 622.08 3.58 ref EMC 2.08t_i58 MC Qn (s)-he,



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Thanks for completing this application for SEAL Lab's SCRIP project. Please email a pdf of this application to me at [kgore@willamette.edu](mailto:kgore@willamette.edu). Make sure you include "SCRIP – Survivalverse – YourLastName" in the email subject so I can filter my emails accordingly. Lastly, feel free to email