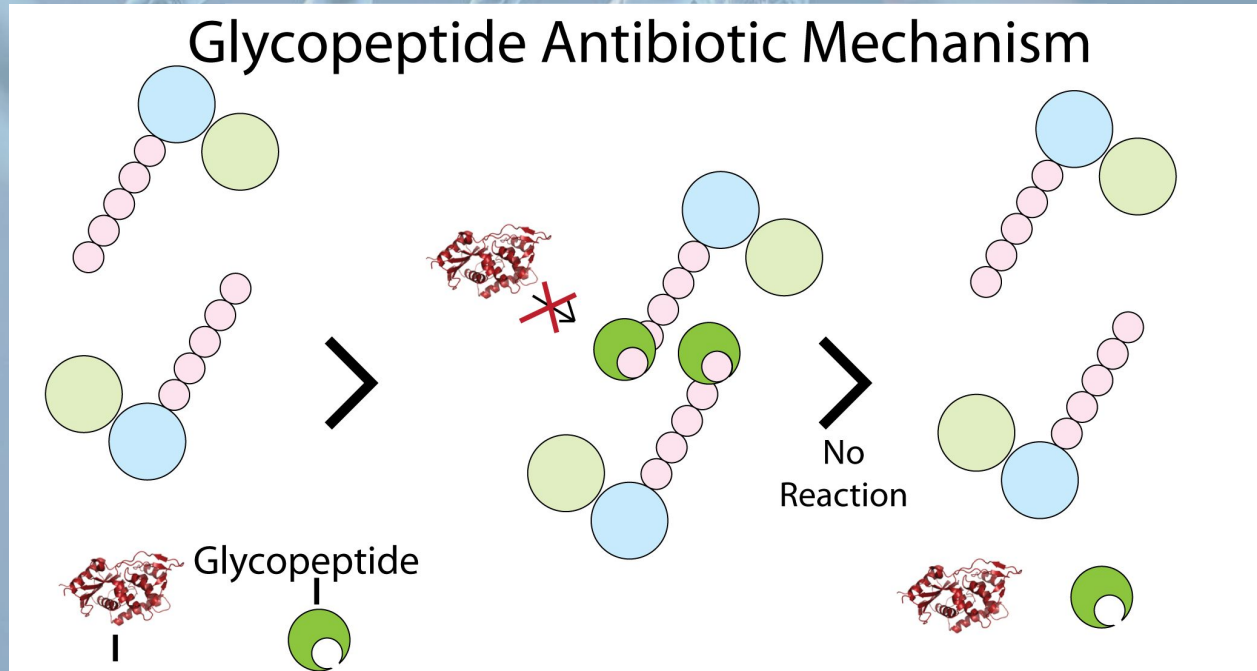
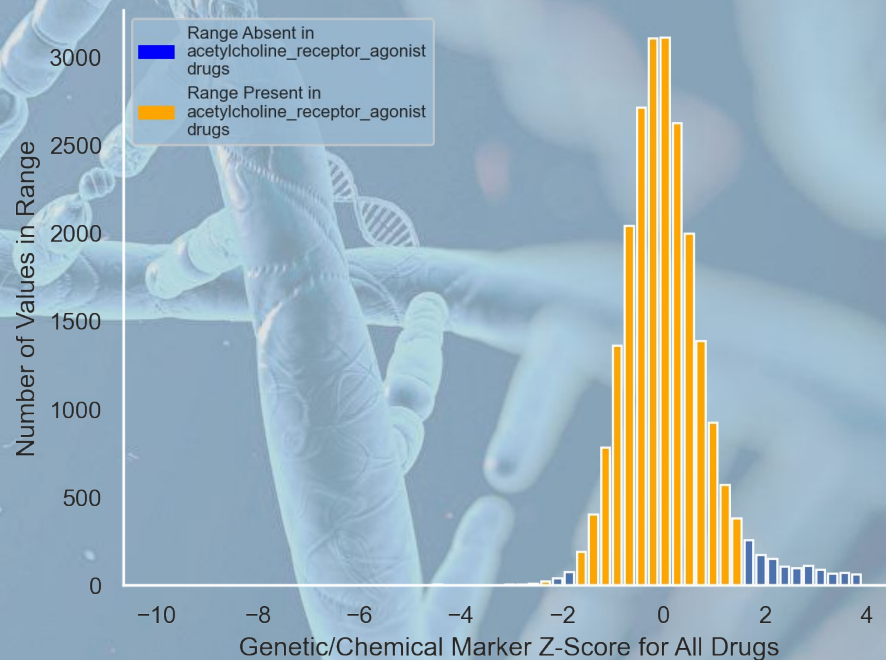


Predicting Mechanisms of Action

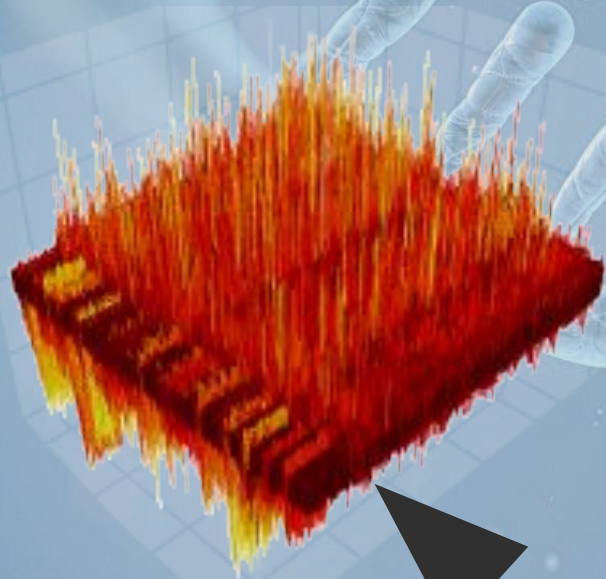


Exploratory Data Analysis

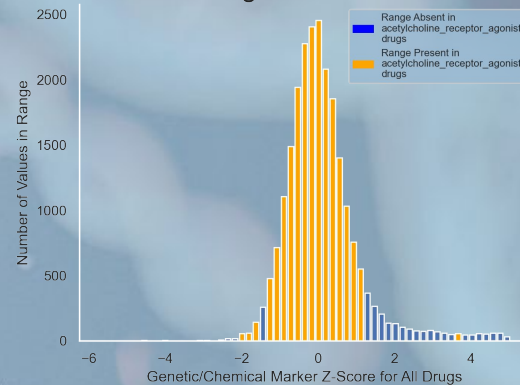
Marker 'c-1': Value Counts



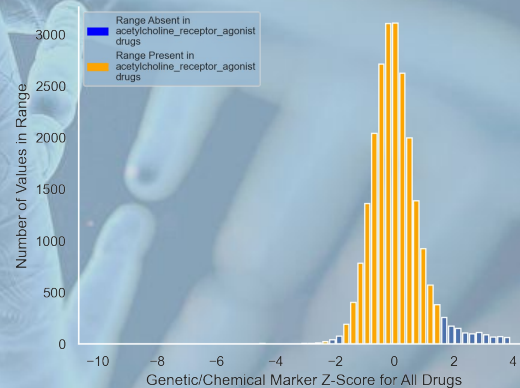
Exploratory Data Analysis



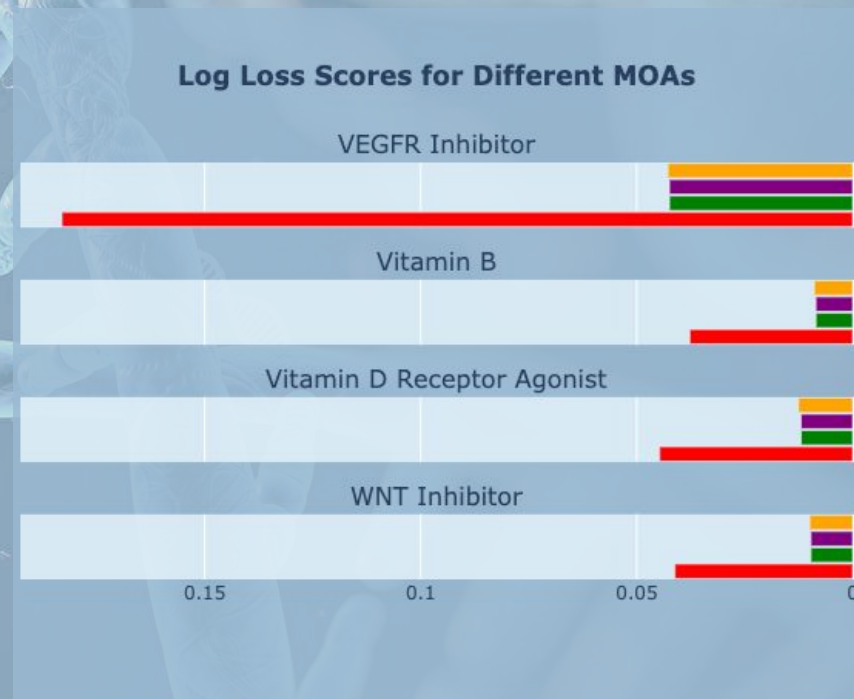
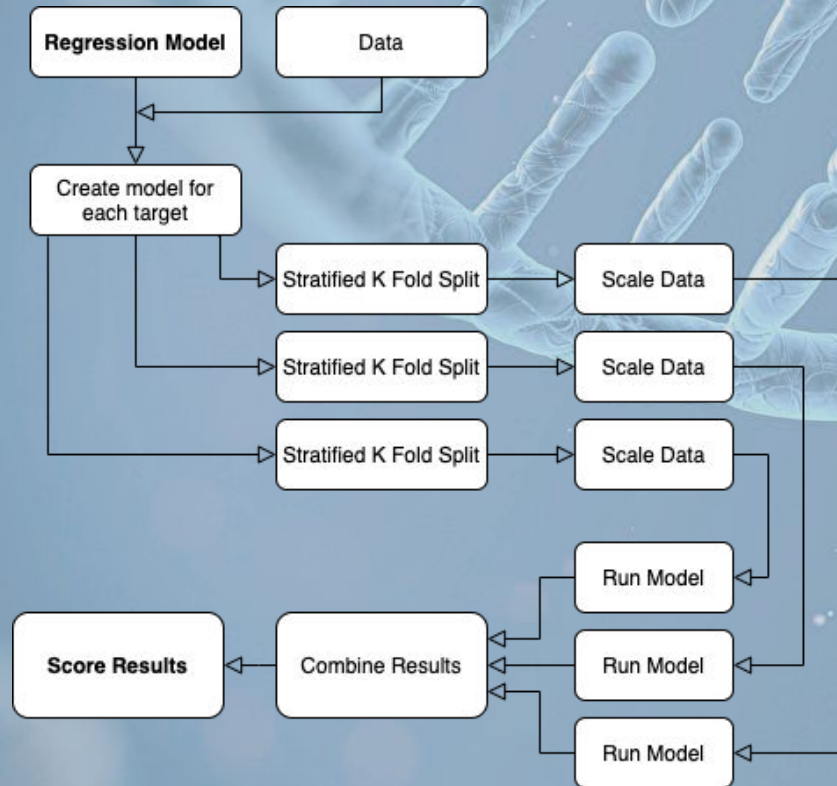
Marker 'g-1': Value Counts



Marker 'c-1': Value Counts



Model Testing and Validation



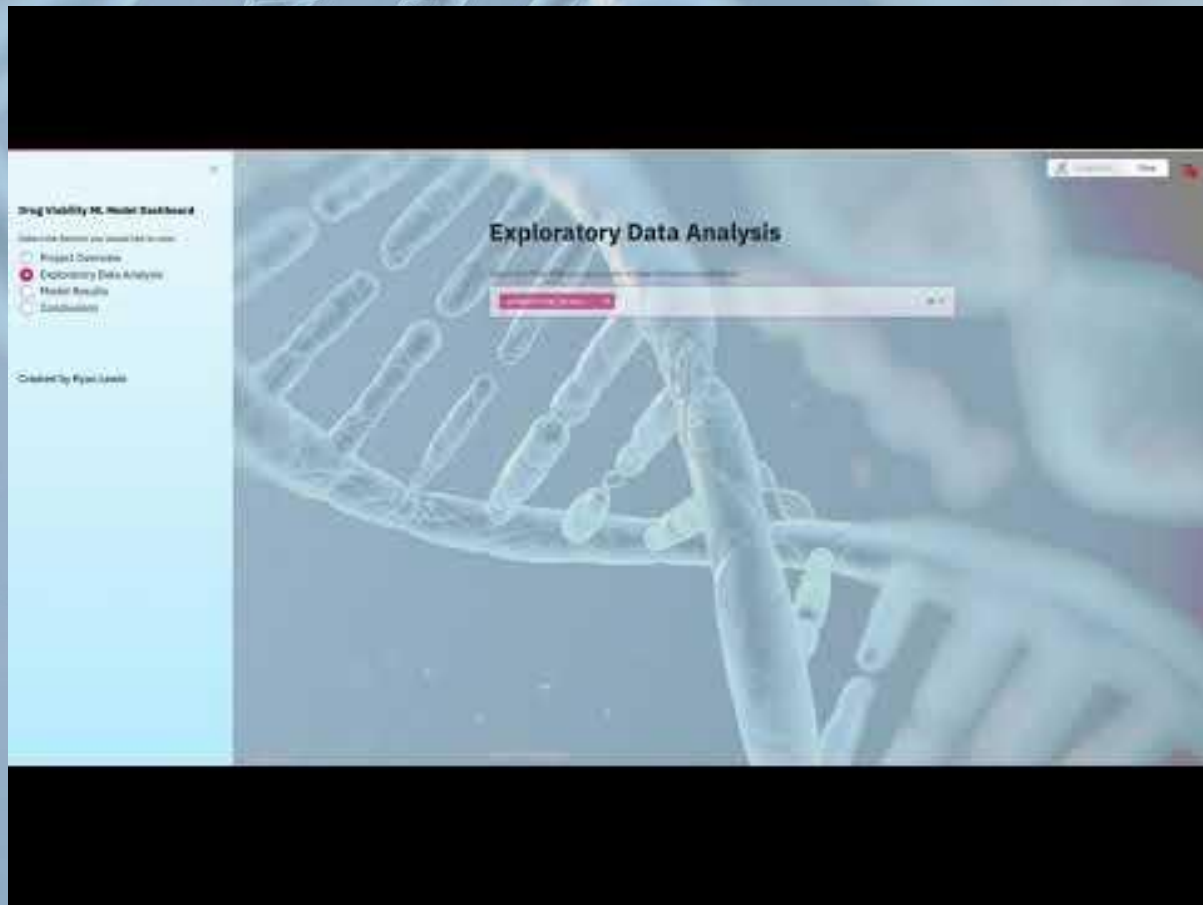
Results

Model	Runtime	Log Loss Value
Logistic Regression	32 minutes 9 seconds	0.02006
Random Forest Regression	26 minutes 30 seconds	0.02031
Linear SVR	0 minutes 34 seconds	0.02059
NuSVR	59 minutes 27 seconds	0.07413

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Dashboard Demo



Next Steps

