Predictive Modeling Pipeline	Cohort Construction	->	Feature Construction		Cross Validation	-	Feature Selection	-	Classification
Running Example: Predicting Diabetes Diagnoses in a Patient Population	Constructs a cohort of 15,038 patients. 50% (7,519) have a diabetes diagnosis		Assembles a feature vector using 4 types of clinical events: Diagnoses, Labs, Medications, and Procedures		Splits the cohort into 10 random folds for Cross Validation		Executes 4 Feature Selection algorithms on each fold: Information Gain, Fisher Score, Odds Ratio, and Relative Risk		Evaluates each model of selected features with 4 classifiers: Logistic Regression, Decision Tree, Naive Bayesian, and K Nearest Neighbor