Data driven techniques such as artificial intelligence (AI) and machine learning (ML) used to accelerate material design and discovery. Composition – property Machine learning model can reduce time significantly in property prediction compare to in situ testing and Glass of desired properties can be selected from created Glass selection charts (ashby plots). All ML model required Large amount of datasets for training such models. AI Technique such as NLP being used for automatic data collection or user specific information collection from literature. Further, learning molecular dynamics with language model build on sequential network such as long short-term memory. These are broad area which constitute my research work.