

Thesis projects



Area Project suggestions

Unsupervised learning	<i>Topic modelling of free text narratives in reports of adverse drug reactions</i>
Supervised learning	<i>Build a model that can predict why a drug has been used</i>
	<i>Identify first person narratives</i>
	<i>Identify patients with certain underlying conditions (e.g. diabetes, pregnancy...)</i>
Natural language processing	<i>Extract the main indications for drugs using information from our database</i>
	<i>Text mining in product labels to capture important information (e.g. indication, posology, contra-indications)</i>
System development	<i>Develop a Question-Answering model to answer common questions from narratives and structured information</i>
Artificial intelligence	<i>Create a user interface to allow clinicians to easily compare different groups of reports of adverse drug reactions</i>
	<i>Prototype a support service, a chatbot, to enable less experienced staff to do advanced support tasks</i>

Contact us as thesis@who-umc.org