International Burch University
Faculty of Engineering and Natural Sciences
Department of Computer Science
CEN 555 - Advanced Topics in Database Systems

Project Proposal

28th March 2024

Group	Mem	bers:
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Topic Definition:

"Exploratory Data insights on California Traffic Collisions"

Short abstract:

Data comes from the California Highway Patrol and covers collisions from January 1st, 2001 until mid-December, 2020. I have requested full database dumps from the CHP four times, once in 2016, 2017, 2018, 2020, 2021. Current dataset is combined from multiple parents. We are aiming to utilize data insights to extract useful predictors and knowledge which can help us to more easily predict various driver, vehicle and environment factors which can contribute to traffic incidents worldwide.

Dataset details available at following LINKS (data card, dataset).