Data Science Project Proposal

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Theme:

We would like to explore the relationship between officer compliance with department medical policy including but not limited to incidents of drug and alcohol abuse, with allegations of police misconduct, officer salary and rank, use of force by police, location and type of police work conducted, and distribution of awards given by the department. We will explore these relationships with other aspects of health as the data allows for.

We are specifically submitting an update to Checkpoint 4, graph analytics:

Question 1:

Among officers who have drug and alcohol abuse or medical allegations against them, how often are they co-accused? What is the pattern and/or relationship of this?

Question 2:

Among officers who have drug and alcohol abuse or medical allegations against them, does the pattern of those co-accused differ among officers who earn above or below the average annual salary within the department, respectively?