

# My Ideas for Capstone Project 1

Coming from a background in Psychology and Drug Addiction Science, I wanted my first project to center around the topic. Within the topic of opioid addiction, I have included three different routes that sound interesting to me and so, I would appreciate your comments and thoughts on which idea you favor.

Thank you!

Summary and Significance: With the Trump Administration formally declaring an opioid epidemic in our country, (view link for more information: <https://www.whitehouse.gov/ondcp/presidents-commission>), it is more important now than ever to analyze data and extract as much information and insight into what can be done to reverse the rampant rates of addiction and overdose rates.

Proposal #1: How bad is the Opioid Epidemic?

This proposal would include conducting an EDA and looking at how many deaths have occurred (longitudinally over the course of 10-12 years depending on the dataset) due to opioid overdose vs. other forms of drug overdose (cocaine, alcohol, etc.).

Proposal #2: Opiate Addiction/Overdose rates in areas where Marijuana is legal vs legalized Marijuana regions.

Proposal #3: Mindfulness Based Treatment for Opiate Addiction: Is it Effective?

Proposal #4: Naloxone and Opioid Overdose Rates: Does having more Naloxone around reduce the Opioid Overdose death rates?