**Medication Prediction: Project Plan**

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| --- | --- |
| **Stakeholder** | D&O |
| **Business contact** |  |
| **Duration** | 2 Days |

# Project Plan

## Project Aim:

To develop prediction system that can predict the likelihood of an opioid being prescribed by a specific specialty.

## Resource:

1. CMS.gov – provides medical data from 2017 - <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Medicare-Provider-Charge-Data/PartD2017>
   1. PartD\_Prescriber\_PUF\_NPI\_DRUG\_17
   2. PartD\_Prescriber\_PUF\_NPI\_17

## Planned Sprints:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sprint** | Duration | Description | Output |
| **01** | 1 day | * Research all possible resources we can use * Sort and structure the data in preparation for modelling | * Data has been sorted |
| **02** | 1 day | * Develop the prediction system * Have a suitable API to present the data and heat-map | * Working API with data presented |

Please see sprint documents for more details.

# Results