Doctor Consultation Fee Prediction

Scrape the all types of doctor's data from online medical consultancy booking site `Practo` using python library called Beautifulsoup (or similar) and collect information in the given format and make 1 tables using the data:

Table: `doctors_details`

`name` - Name of the doctor

`speciality_of_doctor` - Their specialty like dentist, Gynecologist, pediatrician etc.

`degree_type` - Degree type like MBBS, MS, MD, BDS etc.

`year_of_experiance` - Total year of experience
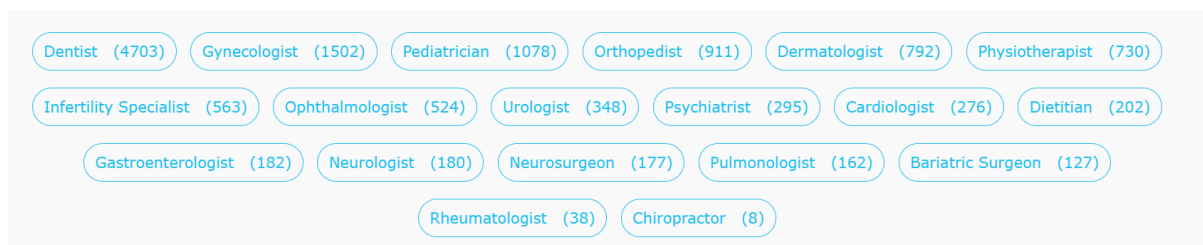
`Location` - Location of clinic

`city` - City of the clinic

`dp_score` - This will be doctor patient experience score

`npv` - Number of people votes

`consult_fee` - Consultation fee at clinic

List of specialty:

Dentist (4703)   Gynecologist (1502)   Pediatrician (1078)   Orthopedist (911)   Dermatologist (792)   Physiotherapist (730)

Infertility Specialist (563)   Ophthalmologist (524)   Urologist (348)   Psychiatrist (295)   Cardiologist (276)   Dietitian (202)

Gastroenterologist (182)   Neurologist (180)   Neurosurgeon (177)   Pulmonologist (162)   Bariatric Surgeon (127)

Rheumatologist (38)   Chiropractor (8)

Overview of webpage:

Problem Statement:

- Scrape the dataset of Delhi, Mumbai and Bangalore for all the list of specialty doctors and create a machine learning model that can predict the consultation fee for any doctors using their key values. `speciality_of_doctor` , `degree_type` , `year_of_experianc` , `Location` , `city` , `dp_score` , `npv_`

- Create a Web page their we give these values `speciality_of_doctor` , `degree_type` , `year_of_experianc` , `Location` , `city` , `dp_score` , `npv_` and we get their consultation fee.