Sonia Gupta

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Github: <https://github.com/sonia589>

**Summary:**

Data analyst with exceptional skills in condensing large data sets to illustrate a meaningful story. Adaptable and collaborative, efficient in working independently or as a team player to obtain information from a variety of sources and provide analysis to a variety of audiences. Proficient in solving complex problems.

**Technical Skills:**

* Tools: VBA,Python, SQL, Java script, HTML/CSS, R, Machine Learning, Tableau

**Projects:**

Emergency Room Utilization | Github: <https://github.com/jaime-carrillo/Project-Three>

* Aggregated various large data sets from California's Office of Statewide Health Planning and Development website which focused on Emergency room visits in Los Angeles, California. The goal of this project was to determine the characteristics of a frequent emergency room user and provide insight on how preventable or unnecessary visits can be decreased in order for physicians to provide efficient care to emergency patients. Analysis was completed utilization various libraries and technologies including Python, HTML/CSS/Bootstrap, Javascript, SQL. The project illustrates that patients insurance status plays a significant role in emergency room utilization in the Los Angeles area. Furthermore, in order for a positive impact to be made in healthcare, increased data collection is needed which focuses on details of patient diagnosis, prognosis, and treatment.

**Professional Experience:**

**Medical Oncology Associates: Long Island, NY**

Transcriptionist/Medical Assistant: November 2016-Present

* Performed multiple clinical and administrative roles to assist five physicians in diagnosing and treating patients.

**T. Ravishankar, M.D. PLLC: Long Island, NY**

Medical Assistant: November 2016 – March 2017

* Performed multiple clinical and administrative roles to assist physician in diagnosing and treating patients.

**Newport Brain Research Lab: Newport Beach, CA**

EEG Administrator/Neurometric EEG Analyst: July 2015–June 2016

* Organized several excel sheets with various patient data compiled over five years, which provided pertinent information in creating a more effective diagnostic treatment
* Utilized VBA in excel to automate and streamline process for obtaining EEG results for interpretation, increasing productivity of reports

**Education:**

**University of California, Irvine**Bachelor of Science in Public Health Sciences

**University of California, Irvine**

Certification in Data Visualization and Data Analytics