

# Sudeep Ghantasala

## Data Analyst

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My higher education in the social sciences introduced me to the power of quantitative data analysis in understanding social problems. To further my knowledge, I joined Nashville Software School's Data Analytics Bootcamp and have developed an intensive technical background in data analytics tools and the practical experience of collaborating with teams to inform organizational outcomes. I bring an empathy-driven perspective along with strong written/oral communication skills and deep technical skills to wherever I work.

### Core Technical Skills

Python/PANDAS • SQL (PostgreSQL) • Excel (VLOOKUP, PivotTable, Power Pivot) • Tableau • PowerBI • Java • IBM SPSS • Agile Workflow • Geospatial Analysis/ Folium • Web-scraping • Kanban Boards • Slack • Google Suite • MS Teams

### PROFESSIONAL EXPERIENCE

#### NASHVILLE SOFTWARE SCHOOL • DATA ANALYTICS APPRENTICE

MAY 2021 – PRESENT

Full time, non-profit, data analytics bootcamp focused on hands-on training in the most widely-used data analytics tools including SQL, Python, Excel, Tableau, PowerBI, and the Agile workflow.

- [Studying Factors that affect Geographic Dental Practice Distribution in the U.S \(Python/Geospatial/Tableau\)](#) – Completed capstone project using the NPEES API to pull dental practice locations from across the U.S. and overlay census data to study social and geographic factors associated with access to dental care.
- [Sean Lahman Baseball \(SQL\)](#) – Worked in 4 person team with snowflake model database of over 20 tables to analyze questions and gain insight from the famed Lahman database of baseball statistics.
- [PoKi Project Subset \(SQL\)](#) – Analyzed subset of the PoKi database of poems written by grade school aged children as part of Nashville Software School Assignment.
- [City of Nashville Codes Department \(Python/Tableau\)](#) – Worked in team to analyze the Nashville Codes Department's average time to issue commercial and residential permits and use and occupancy letters. Displayed Results and presented Tableau dashboard to city codes department.
- [Low Income and Elderly Assistance \(Excel\)](#) – Utilized Lookups from large tax dataset to report findings on lower income and elderly populations across the U.S. from the perspective of a nonprofit group looking to maximize their resources.
- [Global Underweight Children \(PowerBI\)](#) – Created Dashboard using NASA Socioeconomic Data and Applications Center data on global subnational prevalence of child malnutrition.

#### ENRICHED SCHOOLS • GUEST EDUCATOR

FEBRUARY 2021 - MAY 2021

National organization matching substitute teachers to classrooms within large K-12 schools network

- Engaged and taught students in classrooms ranging from lower elementary school to high school over zoom during the pandemic
- Taught subjects ranging from elementary to high school level mathematics, sciences, social studies, and English.

#### CONNECTYOURCARE • ARCHITECTURAL INTERN

SUMMER 2017

One of the nation's largest benefit savings providers, offering health savings accounts (HSAs), flexible spending accounts (FSAs), health reimbursement arrangements (HRAs), and other tax-advantaged employee benefits

- Worked with highly skilled cloud architect to understand organization's technology/cloud infrastructure and develop well-written document on the organization's technology architecture.
- Learned practical utility of cloud deployment within a large healthcare organization.

#### **N. CAROLINA MUSEUM OF NATURAL SCIENCE • INTERN (VISUAL WORLD INVESTIGATE LAB) JULY 2016**

Lab within the largest museum in the US South

- Developed monitoring system and excel dashboard to track and update museum patrons' usage of touch screen computer stations within the lab in real time.
- Originally utilized physical sensor for monitoring computer usage, but later switched to tracking digital interactions (mouse movements) to track system use.
- Connected monitoring system to excel dashboard to allow proper monitoring and utilized google drive to update data in real time.
- Showcased lab exhibits to museum patrons

#### **STUDENTRND/ CODEDAY FEBRUARY 2016**

**24 hour, non-profit, annual, youth coding competition**

- Volunteered in assisting with annual Nashville CodeDay event

### **Education And Certifications**

#### **DATA ANALYTICS BOOTCAMP CERTIFICATION • NASHVILLE SOFTWARE SCHOOL MAY 2021 - PRESENT**

#### **BACHELORS IN SOCIOLOGY • MIDDLE TENNESSEE STATE UNIVERSITY • DEAN'S LIST**

- Minor in Psychology
- IBM SPSS Data Analytics course: Completed classwork and analysis including analyzing national nursing home database and completing report.
- Gained familiarity in hypothesis testing, Bivariate analysis, Chi-Square analysis, T-Tests, Analysis of Variance, PRE measures of association, and Linear Regression

### **Community involvement**

#### **NASHVILLE HUMANE ASSOCIATION JANUARY 2020 - PRESENT**

Organization seeking to promote humane education and find safe homes for dogs and cats in Tennessee

- Dog and cat care volunteer

#### **SUNRISE NASHVILLE AUGUST 2019 - PRESENT**

Core team member • Meeting facilitator • Southern Regional Summit Logistics Coordinator

- Planned and facilitated local chapter meetings for youth environmental justice organization
- Used CRM to track membership information.
- Helped organize chapter events and facilitated regular orientation trainings for members on environmental justice
- Organized logistics for the Sunrise Movement's Southern Regional Summit (80 members)