


David Mellow

DATA ANALYST


Contact

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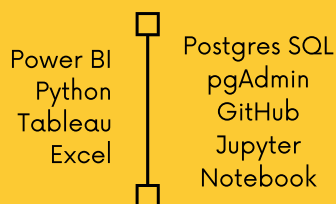
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Personal Profile

Excited to start a new career exploring and presenting data to inform decision making. Will transfer skills of filmmaking/analyzing scripts and selecting methods to tell a meaningful and impactful story to data.

Technical Skills



Community

International
Cinematographers
Guild - Election Committee

- Election Years: 2019, 2016, 2013

Education

Nashville Software School
Data Analytics Boot Camp
1/2020-6/2020

New York Institute
of Technology
BFA, Communication Arts
Magna Cum Laude

Data Analytics Education

Nashville Software School

Data Analyst

2019 - Current

Six month intensive part-time program that prepares students for entry level Data Analyst jobs. Twelve hours per week of classroom training is complimented with at home DataCamp assignments. Individual and group projects covering Excel, PostgreSQL, PowerBI, Python and Tableau are executed utilizing public databases

Technologies - Python, SQL, Excel, Git, Power BI, Tableau, Jupyter Notebook

CAPSTONE PROJECT

An exploration of Tennessee's statewide elections from 2000 - 2018

[Capstone GitHub link](#)

[Capstone Tableau Public link](#)

- When did the Republican party gain or solidify control of statewide offices and what does voter participation look like?
- Looked at all Presidential, Gubernatorial and U.S. Senate races from 2000 - 2018
- Created interactive maps showing county level voting for Republican, Democratic and other party candidates per election
- Created visuals showing statewide and county level voter participation
- Imported and analyzed databases from TN Secretary of State and US Census Bureau
- Used Python in Jupyter Notebook, Excel and Tableau

TEAM PROJECT

Developed purchase recommendations for the fictional company App Trader

- Used PostgreSQL in pgAdmin to clean and analyze data in three relational data bases from the Apple App Store and the Android Play Store
- Created a final presentation of recommend apps for based on client specified criteria

INDIVIDUAL PROJECTS

Nashville and Memphis Public Services Requests

- Built interactive Power BI dashboard that selects service requests through Nashville 311 and Memphis Citizen Connect from January 2018 through March 2020
- Searchable by year, month and Department for comparison between cities
- Imported csv public databases from Nashville 311 and Memphis Citizen Connect

Metro Nashville Police 2018 Incidents

- Used Power BI to created interactive visuals including maps, bar charts, line charts and pie charts
- Looked at incident and dispatched data by zip code and month, as well as incident type and victim ethnicity
- Imported .csv database and analyzed it to answer defined questions

Nashville City Cemetery: Find how common causes of death change over time by age and sex.

- Used Excel to import, clean and analyze Nashville City Cemetery data and created interactive visualizations showing various aspects of the data using pivot tables, slicers, line graphs, bar graphs and pie charts

Work Experience

Freelance, Director of Photography/ Camera Operator

2017 - present

- Worked in collaboration with Directors and Producers to breakdown content of screenplays to achieve artistic, budgetary and scheduling objectives to ensure motion photography will create engaged audiences
- Direct management of teams ranging from 2 to 10 and providing oversight of day to day responsibilities and ongoing mentorship
- Responded to last minute issues and quickly and creatively identified solutions to limitations or unexpected constraints that could affect schedule while taking into account impact to budget, time, and availability of space and resources
- Facilitated interdepartmental communication from pre- to post-production

Freelance, First Camera Assistant

1990 - 2017

- Consulted with Director of Photography to outline camera order and prepare camera(s) for use by verifying completeness and working state
- Recommended and scheduled additional camera personnel as needed and provided direct oversight for Second Assistants, Loaders and Camera Utilities
- Accurately maintained camera log and reports for post-production use
- Worked closely with post-production to help resolve any technical issues upon reviewing footage