

# Karen Pearson

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## SUMMARY

Industrious, multifaceted Data Analyst with skills in Graphic Design and Education. Having a dedication for collecting and rearranging data into a clear, understandable narrative. Tackles projects within collaborative teams and independently to enable the data to be simply broken down, displayed and interpreted by all. Passionate for the details and coming up with solutions to problems.

## TECHNICAL SKILLS

**Tools:** pgAdmin, Mongo Compass, Visual Studio Code, Jupyter Notebook, Google Chrome: Docs, Sheets; Slack; Adobe Suite: Photoshop and Illustrator; Microsoft: Outlook, Word, Excel, Teams and PowerPoint, PC/Mac, HTML, Python, SQL, JavaScript, NumPY, Pandas, SQLAlchemy, VBA, Tables/Charts, Index/Match VLOOKUP

**Databases:** Well Master, SAP, Quorum, PostgreSQL, MongoDB

## PROJECTS

### PROJECTS -

**Car Sales During Covid** | [https://github.com/Kpearson72/Car\\_Industry\\_During\\_Covid](https://github.com/Kpearson72/Car_Industry_During_Covid)

*Project Hypothesis COVID trend, Interest rate trend, Unemployment trend, and Consumer Sentiment trend were each visualized to easily observe which factors explain the change in consumer behavior towards car sales. Covid-19 is the precipitating event that influenced each factor.*

- Technologies Used: Jupyter notebook, Pandas

**Web-Design-Challenge** | <https://github.com/Kpearson72/Web-Design-Challenge> | **github page:**  
<https://kpearson72.github.io/Web-Visualization-Dashboard-Latitude-/>

*Creating a visualization dashboard website using visualizations we've created in a past assignment*

- Technologies Used: Jupyter notebook, HTML, CSS

**Python API Homework - What's the Weather Like -Latitude Analysis Dashboard** | <https://github.com/Kpearson72/python-api-challenge>

*The task was to create a Python script to visualize the weather of 500+ cities across the world of varying distance from the equator.*

- Technologies Used: Jupyter notebook

**ETL-Project** | <https://github.com/Kpearson72/etl-project-team4>

*Covid 19 Happiness Database compiles data from countries around the world and can be used to see how Covid-19 factors affect the happiness score of that population.*

- Technologies Used: Jupyter notebook, HTML, CSS, Mongo Compass, PgAdmin, PostgreSQL

## EXPERIENCE

**Linguistic Interpreter/Data Annotator/Data Entry Specialist**  
**Welocalize**

**2019 - Present**  
**Houston, TX**

Analyzed data for localization services, adhering to quality standards.  
Employed knowledge of localized culture and language traits for analytic purposes.  
Wrote and reported relevant bugs and errors through the client internal issue tracking database.  
Corrected: PO, Contracts, Billing Schedules and Final Invoices  
Updated contact information in Pantheon and Workday database.  
Validated Invoices

**Art Teacher**

**2016-2019**  
**Spring, TX**

**Mildred Jenkins Elementary, Spring ISD**

Art Specialist teaching and managing students in Kindergarten through 5th grade.  
Advocate of student competition while promoting creativity in student art projects.  
Developed lesson plans on various art topics with focus on Science, Technology, Engineering, and Math

**Land Technician**

**2013-2016**  
**Houston, TX**

**SM Energy Company**

Researched contract, lease, title and landowner issues while communicating results internally and externally.  
Provided analysis of Land contracts and leases.  
Calculated and verified net revenue interests.  
Prepared paperwork and correspondence to be sent to partners, operators, and leases.

Updated and organized relevant internal databases and files to ensure compliance.

Created spreadsheets to organize and update well data/interest, revenue received and upkeep of liability insurance

Created powerpoint presentations that show overall prospect summary: Leasehold interests, maps, obligations, wells, liability issues, concerns, and revenue through the years.

Administrative office work: typing, filing, scanning, order/purchasing supplies, scheduling/preparing travel, meetings and luncheons.

*Key Accomplishments:*

- Organized and contributed to the entire Houston internal database, files, and filing system

**Fine Arts Dept. Head/Art Teacher**

**2008-2012**

**Harmony School of Science**

**Sugarland, TX**

Raised student knowledge, awareness and appreciation of the visual arts through creative instruction

Implemented Science, Technology, Engineering, Math-ARTS initiatives.

Assessed and evaluated student's design, creativity, and Texas Education and Knowledge (TEK) objectives.

*Key Accomplishments:*

- Team Lead – 1st point of contact between teachers and administrators, resolved and managed department issues
- Discipline Management Committee – committee member involved in discipline management of students.

## **EDUCATION**

**Certificate in Data Analytics and Visualization: Rice University – Continuing Education, Houston, TX**

**Present**

Data Wrangling, Data Analytics, Data Visualization, Enterprise Coding

**Bachelor of Fine Arts: University of Houston, Houston, TX**

Studio Art/Graphic Communication, Cum Laude

**Minor in Art History: University of Houston, Houston, TX**

**Region 4 Teacher Certification Program: Region 4 Education Center, Houston, TX**

Specialization Art/ESL/Generalist EC-4