KAYKO OHKAWA

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PROFESSIONAL EXPERIENCE

Data Scientist at PNC Bank, Deposit Fraud and AML Decision Management *Aug 2022 – present*

Python (pandas, PySpark), SQL, Hadoop, Tableau *Pittsburgh, PA*

- Performs data analysis, modeling, and visualization for the private and corporate banking lines of business
- Develops measures to quantify and predict customer activity and inactivity over periods of time
- Designs data pipelines in support of analytics for wealth management and private bankers

Integrated Data Analyst at UPMC WorkPartners, Insurance Services *Aug 2021 – Aug 2022*

SQL, SAS, Microsoft Power BI *Pittsburgh, PA*

- Provided recurring and ad hoc reports to clients to monitor health plan performance
- Managed dashboards to communicate KPI narratives to upper management

Compliance Auditing Clerk at University of Pittsburgh, Accounts Payable *Mar 2019 – Aug 2020*

Internal Tools, Microsoft Office Suite *Pittsburgh, PA*

- Audited internal expense reports for compliance with university policy and federal tax guidelines

PROJECTS & RESEARCH

Personal Website, linked in header *2021 – ongoing*

Django (Python), HTML, CSS (Bootstrap), JavaScript, jQuery, AJAX, git

- Features interactive demos and descriptions of assorted projects across multiple languages

Modeling Minor League Hockey Salaries, Pittsburgh Penguins Capstone Project *Spring 2021*

Python (scikit-learn, NumPy, pandas, matplotlib), R (tinyverse, dplyr, ggplot2)

- Developed an empirical machine learning model to inform appropriate salaries for minor league players
- Used prior contracts, player stats, and market conditions to determine future contract lengths and values

Impact of Climate Variability on Crop Yield, Research *Spring 2017*

Stata, Python, ArcGIS, Microsoft Excel

- Pursued as independent research through the Brackenridge Research Fellowship with Pitt's Honor's College
- Cleaned and combined time series and spatial datasets from UN-affiliated sources

EDUCATION

Pennsylvania State University *2023*

Certificate in Geographic Information Systems

University of Pittsburgh *2021*

M.S. in Quantitative Economics

A STEM professional degree program at the intersection of economics and data science, encompassing:

- Economic modeling and intuition
- Data science and econometrics
- Analytic storytelling, communications, and professionalism

University of Pittsburgh *2017*

B.S. in Geology; B.A. in Economics

Certificates in Asian Studies, Global Studies