

Simon Yee

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stackoverflow.com/users/3685175/simon
<https://github.com/ThisIsSimon/Data-Science/>

Career Summary

Data developer and analytics professional with experience in health insurance, healthcare provider, financial institution, litigation, and higher education data analysis and reporting. Passionate about data integrity, accuracy and optimization. Familiarity with HIPAA data compliance, AWS technologies, data mining, statistics and optimization techniques.

Skills And Expertise

| | Scripting/Programming/Related Concepts | Databases | Business Analytics/Intelligence |
|-----------------------------------|---|--|---|
| Active Skills: | Python (PANDAS, NumPY, Seaborn, scikit-learn), Shell Scripting/Linux, ETL, Git, API (Parsing/Read), R | SQL Server, MySQL, PostgreSQL, PLSQL (Oracle), Greenplum | Excellent communicator, problem solver, critical thinker, data analysis/mining, etc |
| Known, not actively using: | C#/.NET, PHP/LAMP, API (Writing) | N/A | |

Work Experience

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|--|----------------------------|
| <i>FTI Consulting, Senior Analyst Consultant</i> | December 2019 – Current |
| <ul style="list-style-type: none">Help process, clean, collect and aggregate sensitive data in the forensics and litigation team for matters from financial fraud to legal mattersUtilize different supervised and unsupervised statistical techniques in Python and R functions to help produce explainable descriptive analytics | |
| <i>Kaufman Hall, Data Analyst Consultant</i> | April 2019 – December 2019 |
| <ul style="list-style-type: none">Import and migrate data using SQL and/or Python (pandas) to help meet business requirementsAnalyze, aggregate and transform data to meet client requirements for reporting, budgeting and/or forecasting | |
| <i>Cambia Health Solutions, Programmer Analyst</i> | June 2018 – April 2019 |
| <ul style="list-style-type: none">Optimized runtime and ensure data integrity of reports for Greenplum, Oracle and SQL Server data warehousesWrote stored procedures, functions and triggers in MSSQL to assist with data manipulationImproved data transfer (ETL) through the usage of Python scriptsAutomated data procedures using Python. Examples include data dumping from/to Excel and XML source filesParsed JSON API from GitLab to aid with a continuous integration process | |
| <i>Cambia Health Solutions, Business Systems Analyst</i> | June 2017 – June 2018 |
| <ul style="list-style-type: none">Developed tests to validate correct implementation of business data requirementsDesigned schemas in Microsoft SQL Server to support K2 webforms data intake. Then utilized advanced conditional aggregation to query the database for reporting purposesAnalyzed business workflows to reduce manual work, monitor work, bottlenecks and keep track of processes | |

Education/Certification

Georgia Institute of Technology, Atlanta, Georgia
Master of Science, Analytics

September 2020 - June 2023
(est)

Oregon State University, Corvallis, Oregon
Bachelor of Science, Business Information Systems

June 2017