

SUSAN YOUNG

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Data Analyst with extensive experience in Business Analytics utilizing, databases, dashboarding, reporting, Excel, VBA, and SQL. Certificate from the University of Central Florida in analytics technologies to include Python, Machine Learning, JavaScript, and web development. An adaptable, strong team member, constantly learning the latest technologies to solve real world business problems/challenges/opportunities collaboratively. Driven to apply the latest data technologies to turn data into stories, into visualizations, into informed business decisions.

Technical Skills

Databases: MongoDB, MySQL, PostgreSQL, Oracle 7-11g, SQL Server, MS-Access, SQLite

Tools: Tableau, TOAD, Oracle Developer Suite, Microsoft Office, Git, APIs

Languages: JSON, SQL, Python: Numpy, Pandas, Matplotlib, R (exposure), PL/SQL, JavaScript, HTML, XML, CSS, Java

Oracle Applications: 11i/R12, AP, AR, GL, OM, PO, INV, OM, FA, PA, HR, EAM, Payroll

OS: Windows, UNIX, LINUX, command line

Data: collection, cleaning, manipulation, analysis, visualization

Professional Experience

Darden Restaurants Inc - Orlando, Florida

Oct 2018 - Present

Senior Programmer Analyst

Provided GL extracts for the Data Analytics team for companywide purchasing improvements. Designed and built interfaces for financial systems and cloud providers for efficient spend management. Enhancements and Production support for Oracle Financials improving off the shelf software.

- Integrations between internal systems and cloud platforms improved invoice entry times, reduced keying errors, and reduced late payments and associated fees.
- Enhancements to the internal warehouse system reduced manual process by 3 hours per day.
- Project Management system improvements to automate the carry-over of open projects from year to year; eliminating duplicate project entry and ensuring project follow through and delivery

Marathon Petroleum - Denver, Colorado

May 2013 - Oct 2018

Applications Development Supervisor

- Services accrual optimization via dashboard insights into project spend and completion rate reducing manual accruals by 80% and reducing project overruns by 25%.
- Windows/UNIX scripting for system integrations reducing manual tasks 75%
- Designed and built dashboards in Tableau for railyard logistics to improve throughput

Berry Petroleum - Denver, Colorado

Dec 2011 - Apr 2013

Applications Analyst

- Built custom reporting streamlining Oil & Gas tax reporting and training for Tax/Revenue departments
- Automated Revenue distribution with XML, PL/SQL and shell scripting to replace monthly time-consuming manual process.
- Independently built ETL to automate the load of fixed asset reserves data into various tracking systems to provide for faster, more consistent monthly reporting.

Projects

Chicago Crime | <https://tedi529.github.io/Chicago-Crime/>

- Utilized the City of Chicago Data Portal API to capture crime data for 2016-2019
- Analyzed crime data for the City of Chicago
- Designed Machine Learning models to predict whether crimes will be solved

Traffic Accident Analysis | <http://evansvillewy.pythonanywhere.com/>

- Analyzed traffic accident data from www.kaggle.com
- Stored the data in a SQL database for interactive retrieval by a web application
- Delivered interactive visualizations utilizing Leaflet, D3, Plotly, Python, SQL, HTML, CSS and JavaScript

Business Intelligence Dashboards

- Converted legacy ERP reports to interactive, ad hoc, dashboards
- Reduce redundant business reports while adding data analytics and visualizations
- Improved departmental reporting capabilities companywide

Education

University of Central Florida, Orlando, FL

Data Analytics and Visualization Certificate | 2020

Intense 24-week immersion. Skills learned: Python, SQL, NoSQL, Pandas, Matplotlib, Tableau, scikit-learn, TensorFlow, MySQL, PostgreSQL, MongoDB, Git, Flask, AWS

University of Phoenix

Masters of Science Information Systems Management

Colorado Technical University, Colorado Springs, CO

Microsoft Systems Administrator

Chapman University, Orange County, CA

Bachelors of Science Information Systems, Magna Cum Laude

Oracle | Certified Oracle Database Administrator