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Summary:

As a significant party in an independent technical group of four, I supported all technical needs of fifty plus Business Analysts and Managers, including ad hoc requests, user requirements to finished programs or web pages, training and computer support.

SAS: MACROS, SQL, AF Menus, GRAPHS, and ODS: Extensive experience to automate complex reports, create complex query menus and to provide ad hoc informational needs to Business Analysts and Management. Distributed reports to clients in **emails, web pages, EXCEL** spreadsheets, **WORD** documents, **PDF graphs and SharePoint HTML, CSS, JavaScript web pages that call SAS Stored Procedures:** Query menus that return the data to a **web page or Excel spreadsheet.**

Unix Scripts and the Unix crontab to manage a schedule of automated processes and 1000 plus SAS files.

COBOL II, CICS, IMS, TSO, JCL, ISPF Panels on MVS on IBM mainframe: Not recent but extensive experience

Oversaw data Extraction from IMS and DB2 databases and **loaded** into 100s of **SAS files, FTP** the files to our **Unix system**

SAS Programming Projects:

Created **SAS/AF menus** for complex queries and reports from Warranty, Sales, Customer Relationship, Field Rep, and Parts SAS files. **SAS macros** used menu input to create counts, ratios, second occurrences, Top to Bottom, and text search reports using **ODS**. The results could be viewed on the computer or emailed to the user as **excel, text, csv and graphs**.

Mapped data fields from **SAS** files to new **DB2** data warehouse and converted **SAS** programs from inputting **SAS** files to calling new **DB2** data warehouse using **PROC SQL and SAS Connect**.

Created **SharePoint** site and **PC SAS** program to display graphs of recall percentages of fixed cars for specific "campaigns". Run on **windows scheduler** and put on **SharePoint** site secured for management.

Created SAS program to input eight different **SAS files** and search for occurrences of specific DTC codes in code fields or parsed from text fields, count the occurrences for each DTC code, display a table of counts for each file by car model or sub-model and year and the percent of the hits to the total records for that model/sub-model, and subtotal the counts for each model/sub-model. Each year and each model required specific criteria. Sort output by number of occurrences. Heavy use of **Macros** and **PRX** parse function. Management in Japan depended on this bimonthly report.

Created **SAS GRAPH** and **SGPanel** dashboard for multiple results of seat comfort study using input from tester's questionnaire.

Web Programming:

Full Stack Ecommerce web site: SoCalSaltyGirl.com (ask me how to access) uses **HTML, CSS, PHP, JavaScript MySQL**.

Full Stack Business web site: we2hobbits.com uses **HTML, CSS, PHP, JavaScript MySQL**.

Created **CSS, HTML, JavaScript** query menus on **Unix** with **SAS App Dispatcher** which allowed **SAS** programs to run and output **web pages, Excel spreadsheets, text files, csv files, PDFs, and graphs**.

Finished 144 hours and 1221 lectures of the following web development courses on Udemy.com: (2018)

- Become a Certified Web Developer 2018 Edition
- Become a Certified Web Developer
- Learn ecommerce website in PHP and MYSQL from scratch
- Shopping Cart Website from Scratch Ecommerce
- JavaScript Essentials
- .NET for Beginners
- Running a Web Development Business: The Complete Guide
- The Complete Ruby on Rails Developer Course

Education:

El Camino College, Carson, California (2014)

- Ruby on Rails

University of Iowa, Iowa City, Iowa

- Bachelor of Arts in Mass Communications

American Writers and Artists Inc, Correspondence

- Travel Writing
- Copy Writing
- Business to Business Writing

Control Data Institute, Minneapolis, MN

- COBOL
- FORTRAN
- ASSEMBLER