# MICHAEL RAY

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**SOFTWARE** SAS, SQL, Python, Visual Basic, COBOL, C, HTML,

Excel, Access, Linux

**PROFESSIONAL EXPERIENCE**

September 2020 SAS Programmer

Present **Regeneron. Inc.**

* Generate weekly and monthly reports based on prescription data and initiations with the prescriber.
* Convert Python code to SAS.
* Maintain initiations table.

November 2003 Systems Programmer

January 2023 **Pfizer. Inc.**

* Generate weekly and monthly reports based on prescription data and interactions with the prescriber. This helps managers keep track of resources and where changes need to be applied
* Maintain files based on many sources for modeling. This creates time series datasets that statisticians can quickly use to create different models.
* Generate ad-hoc reports in a timely manner for about 20 managers. Having a quick turnaround time allows mangers to check hypothesis or fix problems.
* Maintain Teradata tables and SAS files on representative's list of prescribers. By maintaining a simplified version of these lists allows managers and statisticians to track progress.
* Perform quality analysis of main data systems to assure proper reporting. This analysis made sure that the data being reported was accurate.
* Created many SAS macros to speed up programming and to reduce amount of code.
* Created many reports using SAS ODS to output directly to Excel.

April 2002 **Datech Solutions** - Consultant

November 2003 **PricewaterhouseCoopers, LLP**

* Analyze medical data received in many different formats and develop SAS programs to read the data. This allowed customers to send the data in any format and we would handle it.
* Load Oracle tables with data using SAS and SQL. This allowed the managers to analyze the data that came in and make suggestions to recoup money from insurance claims.
* Create SAS and SQL programs to query Oracle tables to find additional revenues, outputting data to Access and Excel. Giving specific reports to the customer to allow them to file insurance claims that were missed.
* Modified standard queries to execute faster and use less system resources allowing for more complex queries to be run.

March 1997 **Fair, Isaac & Company Inc.**

April 2002 **Technical Consultant**

* Analyzed, developed code and processed monthly marketing specifications for major Credit Card Client’s portfolio utilization program (PUP) containing over 55 million accounts. Insure on time delivery and quality of lettershop files.
* Created scripts in PL/SQL to update tables in an Oracle database.
* Created data base system that would extract data from reports and populate tables, utilizing MS Access and Visual Basic. This allowed users to generate improved reports and link data from various systems.

**EDUCATION** BS – NYU Tandon School of Engineering (Polytechnic University, Brooklyn, NY)