

DATA ANALYTICS ADVISORY SERVICES

Today, the power of data analytics, as part of continuous auditing, is profoundly altering the business landscape. Companies are capturing data-related opportunities to improve revenues, boost productivity, detect fraud and reduce risk. This can put new demands on companies requiring not only new talent and investments in information infrastructure, but also significant changes in mind-sets and frontline training.

Corporate Business Intelligence describes a set of tools that helps companies align their objectives and activities with overall company goals, objectives, and metrics. It is Business Intelligence that can help synchronize individual efforts by utilizing scorecards, strategy maps, and data analytics that connect to corporate data.

Rausch leverages data analytics and continuous auditing as an automatic method used to perform auditing activities, such as control and risk assessments, on a more frequent basis. Technology plays a key role in continuous audit activities by automating the identification of exceptions or anomalies, analyzing patterns within the digits of key numeric fields, reviewing trends, and testing controls, among other activities.

Packaged solutions exist that accomplish these same functions, but are prohibitively expensive for all but the largest of companies. Additionally, prepackaged solutions are typically closed sourced and require annual maintenance licensing fees. However, it is possible to create PIVOT functionality without purchasing expensive packages, and by expanding the use of data analytics that can be leveraged to perform some sophisticated analytics and Computer Aided Auditing Techniques ("CAATs") in an automated manner, eliminating the risk of human error and greatly improving the efficiency of Governance, Risk, and Control activities.

PIVOT

Rausch takes continuous auditing one step further with real-time or near real-time capabilities monitoring through the use of our proven methodology, Profitability Improvement Via Optimized Transactions ("PIVOT"). Rausch's PIVOT framework is built on a relational database management system using Microsoft SQL Server.

PIVOT allows a business to monitor systems and test that the integrity of the information by evaluating it constantly. PIVOT has the capability to address the following areas and more:

- Identify Fraud, errors and inefficiencies,
- Control and reconciliation automation,
- Identify Policy violations,
- Reduce costs,
- Prevent revenue "leakage",
- Monitor/Ensure Quality,
- Support Management information needs and decision support,
- Provisioning and de-provisioning,
- Segregation of duties and duplicate payments.



PIVOT DATA ANALYTICS & BUSINESS INTELLIGENCE FOR AUDITORS COURSE

As part of our data analytics services, Rausch also offers the "PIVOT Data Analytics & Business Intelligence for Auditors course". The course is focused on training within the Microsoft SQL Server relational database management system. This 5- day course introduces you to the use of SQL Data Analytics and Continuous Controls Monitoring. This is an interactive, hands-on environment training course, where your team will learn various skills that include how to create algorithms that monitor and identify such things as mistakes, fraud prevention, compliance and integrity of data. This course utilizes your organizations' data, versus using generic data usually provided in remote training courses.

COURSE OBJECTIVES

By the end of this training workshop, you will be able to:

- Understand the concepts of Continuous Controls Monitoring
- Perform data analysis tests to identify anomalies and policy non-compliances
- Perform trend analysis on the anomalies to identify cause and fraudulent activity
- Verify data quality and integrity
- Test transaction authorization and validation
- Create test algorithms utilizing your corporate data and immediately apply it.



Rausch Advisory Services LLC is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors.

To learn more about our service offerings and industry experience or to have a Rausch Advisory Services representative contact you, please visit us at our website.

The PIVOT logo, featuring the word "PIVOT" in a bold, green, sans-serif font. The letter "P" is stylized with a white shape inside it.

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