

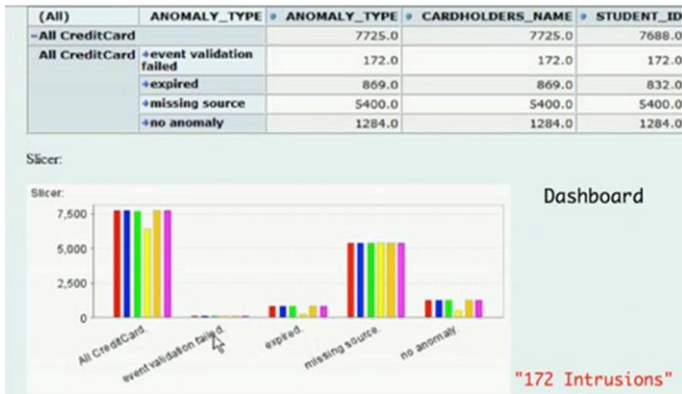


**Behavior Anomalies** – non-anomalous audit trails are evaluated against adaptive machine learning algorithms for abnormal use of the business process.

**SLA Anomalies** – specific activity in a process instance that do not meet the service level objectives of the organization.

**DMI Output**

The student enrollment DMI App was deployed for about a month. The application identified 172 instances of event validation failures, 5400 instances of missing steps, 869 instances of timeouts and 1284 instances with no anomalies.



dzAudit run-time audit trail results are fed to the dashboard continuously and aggregated into a OLAP database. This allows organizations to visualize the activity in its information assets from many aspects for making informed operational decisions. dzAudit can be integrated to output anomalous audit trails into any commercial dashboards, including Archer, Cognos, Hyperion etc...

**Behavior Analysis Identifies Malicious Insider**

With the help of DZI, the consulting company and the customer performed behavior analysis on the 172 failed event validation training data sets. Machine learning algorithms were used to perform regression analysis to identify the patterns of causation. An advanced 3D graphical rendering tool was used to visualize the results of the regression analysis.

*The visualization revealed that 172 failed event validations were caused by one specific insider. The insider voluntarily resigned when confronted with specific data associated with his/her self-dealing scheme.*

With dzAudit, organizations can secure any business process. *The more complex the business process, the more secure organizations become.* With dzAudit complexity is not an issue. However, in a complex distributed environment without dzAudit, enterprises becomes more vulnerable and less secure.

