

CLOUD ENABLED ENROLMENT ANALYTICS SOLUTION USING AWS

for a leading consultant in the US



Service: Cloud

OVERVIEW

The client is a leading consultant in the US providing world class technical services and products to a host of industries. They combine the best of engineering and mathematics capabilities with the latest in information technology and visualization to build innovative solutions.

CHALLENGES



Difficulty in integrating several modules (Data model, segmentation, validation and modeling) into their Enrolment Analytics tool and migrating it into the cloud using AWS

SOLUTION

ACL Digital developed a data mining approach to extract patterns from data and transform them into actionable information. The core solution was developed using LAMP along with industry standard web technologies and quality control measures.

ACL Digital's engineering team architected the solution keeping in mind the following KPIs:

- 1 Better performance & scalability
- 2 Cloud and Mobile ready solution
- 3 Key features of the solution include:
 - › User friendly interface for data selection and analysis
 - › SaaS enablement of enrollment analytics solution
 - › Ability to easily define analytical steps and generate reports/graphs
 - › Graphical and dynamic UI for defining components and metrics calculation
 - › Ability to export and import data among different users, and across several systems
 - › On the fly: Page navigation, Selection of number of records per page, Sorting, Column re-ordering, Column filtering and Column resizing
 - › Strict and standard access settings for headers, files caching, optimization, authorization and security

TECHNOLOGY STACK

- › Cloud Environment: Amazon Web Services Server
- › Side Language: PHP 5
- › Database: Mysql 5
- › Web Server: Apache
- › Packages: PEAR, PHPMailer
- › RIA & Web 2.0: jQuery, JSON, Ajax, WYSIWYG Content Editor
- › Client Technologies & Tools: JavaScript, XHTML, CSS, Firebug, YSlow



ACL Digital is a design-led Digital Experience, Product Innovation, Engineering and Enterprise IT offerings leader. From strategy, to design, implementation and management we help accelerate innovation and transform businesses. ACL Digital is a part of ALTEN group, a leader in technology consulting and engineering services.

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