

# Power BI Envisioning for Higher Education

- **Problem**

- The client was using offline data sources instead of directly connecting to their databases. This caused them much manual work to re-publish dashboards every time they changed data. In addition, the client did not have a workspace or publishing strategy for their dashboards. They also were not taking advantage of many of the advanced features of PowerBI.

- **Solution**

- Spyglass MTG demonstrated and implemented the following
  - Installed the On-Premises Power BI Data Gateway and all of the support objects to directly connect to data source
  - Created and demonstrated dashboards that connect to databases and other data sources
  - Create Power BI demonstrations of advanced functionality
  - Discussed and demonstrated how to share certified datasets across multiple PowerBI reports
  - Demonstrated dashboard/report/dataset management and sharing solution
  - Discussed proper security of dashboards/reports/datasets
  - Discussed and demonstrated Power BI publishing strategies including data refresh strategies
  - Discussed and demonstrated managing Power BI in Office 365 in the cloud

- **Benefits**

- The client can now create dashboards that can be published once, and the data will be automatically refreshed from the database thus greatly reducing turn around time and greatly increasing user satisfaction
- The client is aware of many features that they were not taking advantage of and can now implement them in their dashboards
- The client can now begin to think of a better workspace and security implementation of their reports and dashboards to better increase efficiency and data security
- By sharing datasets across multiple reports, the client has increased data integrity and eliminated redundant work