Admission Requirements
1. On-line Application Form and Specific Requirements Form
2. Official Transcript: Sealed and taken from Student Resources / Affairs of the applicant’s university indicating the courses and grades taken.
3. Two letters of Recommendation
4. Statement of Purpose
5. Up-to-date resume
6. One recently taken photograph
7. Diploma (Applicants should have an undergraduate or graduate diploma in order to be admitted to a graduate program)
8. A valid English Proficiency Test Score
   TOEFL: Internet-based test (IBT): Min. score 78
   Computer-based test (CBT): Min. score 210
   Paper-based test (PBT): Min. score 547
   IELTS: Min. score 5.5
   KPDS, ÜDS, YDS, e-YDS: Min. score 65
   ELAE: Candidates must obtain a satisfactory score in ELAE (Sabancı University English Language Assessment Exam)

Test date must be within:
2 years (for TOEFL and IELTS)
3 years (for KPDS, ÜDS, YDS and e-YDS) of the candidate’s application date to the program.

Application Deadlines
For Early Application:
   Last day of Application: June 5th, 2015
   Interviews: June 2015
   English Proficiency Exam (ELAE): June 22nd 2015

For Final Application:
   Last day of Application: August 18th, 2015
   Interviews: August 2015
   English Proficiency Exam (ELAE): September 1st 2015
   University Enrollment: September 9th-10th 2015
   First Day of Class and Orientation: October 3rd 2015

For more information:
Contact us at da@sabanciuniv.edu or call us at (216) 483 9700
Web: da.sabanciuniv.edu
Overview
Big data is paving the way to empower businesses to make better decisions. With the amount of digital data increasing at an enormous rate, a more rigorous research is carried out in an effort to extract value from the massive data sets to turn them into smarter decisions for improving business results. Companies are increasingly turning to data analytics for a more competitive edge in terms of productivity, profitability, safety and sustainable manufacturing processes for better products and better services. This emerging field of Data Analytics holds the key to unleashing that potential.

Objective
Data Analytics is considered to be a relatively new field which integrates state-of-the-art computational and statistical techniques to extract business value from a rapidly expanding volume of data. Many consulting firms claim that Data Analytics will be one of the key skills of the 21st century. Most critical issue, however, is the shortage of analytical talent that could turn the high-volume data into useful information that will be used for better decision making.

Companies need trained workforce skilled in Data Analytics, who are equipped to collect and clean, mine, interpret and present data for business use. Professionals holding a degree in Data Analytics will be well positioned to help their organizations gain a competitive advantage. This program is designed to help our participants develop the skill set needed for creating and maintaining the added competitive edge that innovative companies are trying to establish.

Program Structure
Professional Master’s Degree in Data Analytics is a 30-credit program that can be completed in one academic year. The courses are distributed across three consecutive semesters (Fall, Spring and Summer), each of which lasts 14 weeks. Students take 10 courses (excluding the Term Project) in total from various areas. The Term Project is a non-credit course.

Skills Acquired
Diagnose, understand, measure and evaluate data to enable better decision making within the organization. Define and apply appropriate methodologies for complex business problems. Interpret findings, present and communicate the results.

Who Should Apply?
- Graduates of disciplines with a solid quantitative background (e.g., computer science, engineering, mathematics, physics, statistics, economics, and other fields with a quantitative focus).
- All professionals who have ample work experience in a data-analytics-related area and are seeking in-depth training in Big Data Analysis.

Career Opportunities
Graduates can find work as data analysts, data managers, data modelers and data scientists in the financial institutions, healthcare industry, insurance industry, telecommunication industry, marketing and media firms, retail industry and government agencies.

Curriculum
The curriculum will help you develop skills required in all aspects of data analytics, with flexibility to allow different interests. Courses offered during each semester are listed below.

FALL
- DA501 Introduction Data Analytics
- DA503 Applied Statistics
- DA505 Introduction to Data Modeling and Processing
- DA507 Modeling and Optimization

SPRING
- DA512 Big Data Processing using Hadoop (Elective)
- DA514 Machine Learning (Elective)
- DA510 Data Mining (Elective)
- DA516 Social Network Analysis (Elective)
- DA508 Exploratory Data Analysis and Visualization (Elective)
- DA520 Data Privacy and Security (Elective)

SUMMER
- DA522 Information Law and Data Ethics
- DA525 Project Management and Business Communication
- DA592 Term Project (Non-credit)