DIGITCOMPASS LLC

Project management ● Research and Analysis ● IT Solutions and Maintenance

As a small business specialized in economic and financial consulting, statistical consulting, data analytic, data management, and IT technology.

What makes DigitCompass different?

- ✓ **Customers in the center**
- ✓ **Profession project management**
  - Professional Project Management Body of Knowledge
  - Agile approach
  - Industry-standard Organizational Control
- ✓ **High quality services**
  - Research and Analysis
  - IT Solutions and Maintenance

Research and Analysis

More than 10 years of experience in statistical research, analysis, and programming

- ✓ **Economic, financial, and statistical analysis**
  - Publications in finance, accounting, capital market, corporate governance, marketing, statistics, and computer science.
  - Marketing models, e.g. response model, approval model, book model, propensity models, key driver analysis and marketing mix models
  - Financial models: capital market model, mortgage rate index models, interest rate model, equity valuation model, credit risk models, prepayment models, loss forecasting models, ALLL models, PPNR models, and ECAP models
  - Capital planning: for Basel II and SR 15-19
  - Compliance support: model validation compliant with SR 11-7, CCAR
- ✓ **Statistical modeling and bioinformatics**
  - Genome-wide association study, cross-sectional study, and panel study
  - Longitudinal models, nonlinear regression methods, multivariate statistics, spatial modelling methods, time-series models, mixture models, and machine learning models
- ✓ **Text analytics and Artificial intelligence**
  - Deep Learning and Artificial Intelligence
  - Natural language processing (NLP) methods
  - Text mining for sentiment models
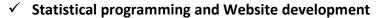 - Computational Text Analysis

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IT Solutions and Maintenance

More than 10 years of experience in data management, IT systems development and maintenance

- ✓ **Statistical programming and Website development**
  - SAS, R, MATLAB, python, SQL, HTML, XML, CSS, python, .Net, Java, PHP
  - Development of software system with statistical methods
- ✓ **Big data solutions and maintenance**
  - Managing high-performance data management systems in massively parallel processing (MPP) distributed big data environments
  - End-to-end application on big data platform
  - Development of Extract Transform and Load (ETL) processes
  - Development of Applications for Computational Text Analysis

Clients and Partners

NAICS

511210 - SOFTWARE PUBLISHERS

518210 - DATA PROCESSING, HOSTING, AND RELATED SERVICES

519130 - INTERNET PUBLISHING AND BROADCASTING AND WEB SEARCH PORTALS

519190 - ALL OTHER INFORMATION SERVICES

541511 - CUSTOM COMPUTER PROGRAMMING SERVICES

541512 - COMPUTER SYSTEMS DESIGN SERVICES

541513 - COMPUTER FACILITIES MANAGEMENT SERVICES

541519 - OTHER COMPUTER RELATED SERVICES

541611 - ADMINISTRATIVE MANAGEMENT AND GENERAL   MANAGEMENT CONSULTING SERVICES

541711 - RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY

541712 - RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES

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