

# SurfBigData Capability Statement

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**SurfBigData LLC** Certified DBE/MBE/Small Business

**DUNS#:** 080003744

**CAGE#:** 7GS61

**TIN#:** 47-4143276

**NAICS:** 541512

541511, 541513, 518210,541519, 541910, 511210, 334111



## CORE COMPETENCIES

- Web based/Mobile Software/Application Development
- DevOps-Agile Professional and Leadership
- AWS/Google Cloud/Private Cloud Professional Cloud Computing: SaaS
- Cyber Security/SSL/TLS
- System Design & Integration
- Virtual Network/SDN/SDI
- Big Data/Data Cognitive Analytics/BI/Data Center
- E DI/ Data Transmission Professional
- Professional in tools: SQL/NoSQL/Hadoop/Spark/Oracle/ASP/VB/C#/Visual C++/.Net/Java/SAS/R
- PhDs of CDF, Statistics, Math, Computer Science and Psychology
- Leadership of staffing and teaming partnership

### Key Differentiators:

- 20+ year software application and business solution: EHR/Medical/Part D handling 5 million nationwide subscribers
- NOAA scale data computing and analytic and data mining professional
- Deliverable with Project Management Professional& all level task managements on DevOps-Agile platforms
- Turn Key Data Tracking and Analytics System(IoT)
- Business oriented software and technology solutions

### WHO WE ARE:

- Certified database and software developers
- Data Analysts and Business Analysts
- Experts in Big Data solutions and system integration
- Minority Owned Small Business

### Industry Certifications:

- Microsoft Certified Solution Developer
- Microsoft Certified Application Developer
- Microsoft Certified Professional
- Oracle DBA Certified Professional
- SAS Certified Professional

## Performance

Cigna	VISA	Subway	U Miami	E-Commerce
<ul style="list-style-type: none"> <li>• EHR System</li> <li>• Billing system</li> <li>• EDI X12/HL7</li> <li>• Cross platform data migration</li> <li>• BI/Data Mining</li> <li>• Dashboard and User Experience Improvement</li> <li>• Auto Mailing Server</li> </ul>	<ul style="list-style-type: none"> <li>• Interbank Benchmark</li> <li>• Business Intelligence</li> <li>• Web based management</li> <li>• Data Mart</li> <li>• Data Security</li> </ul>	<ul style="list-style-type: none"> <li>• Board Voting System</li> <li>• Point of Sale EcoSystem</li> <li>• Data Warehouse</li> <li>• Marketing Tool Engine</li> <li>• Data Security</li> <li>• User Experience Improvement</li> </ul>	<ul style="list-style-type: none"> <li>• Med School Research Data Center</li> <li>• Data Mining/Data Analytics</li> <li>• BI/Reporting</li> </ul>	<ul style="list-style-type: none"> <li>• Shopping Cart</li> <li>• CMS</li> <li>• UX Templates</li> <li>• Discount Engine</li> <li>• Customer Rating</li> </ul>

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Next Page: Data Analysis/Data Mining/Scientific Computing Skill Sets and Experiences

# SurfBigData Capability Statement

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## ❖ Data Analysis/Data Mining/Scientific Computing

### Technical Skills

- SAS Base, SAS STATS, SAS/OLAP, SAS Enterprise Guide, SAS Enterprise Miner, R, R Studio, Python, iPython, Numpy, Scipy, Pandas, Scikit-Learn, Matplotlib, SQL,T-SQL, SSIS, SSAS, PL/SQL, and VBA.
- C/C++, C#, Java, Java Script, Perl, PHP, Object-C, Linux Shell Scripts, Matlab, MS SQL Server, MS Access Database with VBA, and Oracle Database, MS Office, Toad, Tableau, and Qlikview.Teradata
- OS: UNIX, Linux, Windows, iOS, Android, Node.js, .Net, J2EE
- Web Frame:LAMP, Java Servlet, ASP, XMLRPC, SOAP, Spring MVC, Restful
- Computing: Hadoop Spark ZooKeeper
- Message Queue: Rabbit MQ, Kafka
- Storage: RAID, Gluster, Hadoop

### Work Experience Samples:

- Extracted big data from data warehouses;
- Conducted Medicare and Medicaid claims data analysis and reporting;
- Developed relational databases such as case tracking system and team sampling management databases;
- Identified the unusual patterns, outlier behavior and other anomalies for medical and pharmacy claims by using pattern analysis, statistical data analysis, spike analysis, and predictive modeling techniques;
- Designed sampling methodology for sampling potential Medicare fraud cases;
- Developed methodology and metrics for measuring financial results and utilization;
- Predicted medical cost trends.

## ❖ Network

### Core Competencies:

- Network Design, Optimization, Evaluation, and Admin
- Network Virtualization, Software-Defined Networking

### Key Differentiators:

- Software Defined Infrastructure (System/Storage/ Network)

### Work Experience:

- Designed Novel Network Architectures and Algorithms, with over 50 publications on top networking journals and conferences.