**RESUME OBJECTIVE**

Highly analytical and process-oriented data analyst with in-depth knowledge of database types; research methodologies; and big data capture, curation, manipulation and visualization. Furnish insights, analytics and business intelligence used to advance opportunity identification, process reengineering and corporate growth.

**PROFESSIONAL EXPERIENCE**

* **Data Scientist with 6+ years of experience** executing **data-driven solutions to increase efficiency, accuracy**, and utility of internal data processing
* **Experienced at creating data regression models, using predictive data modeling, and analyzing data mining algorithms** to deliver insights and implement action-oriented solutions to complex business problems.
* **Conducted a data regression analysis of the relationship between company stock prices and industry trends, achieving a 15% more accurate prediction** of performance than previous years
* Working knowledge in **Python core and advance programing**
* **Expertise in Numpy, Pandas, Matplotlib, Sklearn Regression model**, and **prediction**
* Utilized web scraping techniques to extract and organize competitor data
* Increased accessibility and usability of customer data by redesigning data visualization techniques to include statistical graphs and information graphics
* **Updated company data warehousing techniques such as data recall and segmentation, resulting in a 20% increase in usability** for non-technical staff members
* Updated data streamlining processes, **resulting in a 25% redundancy reduction**

**TECHNICAL SKILLS**

**Tools & Applications:** MS Excel 2010/2013, Tableau, Minitab

**Programing Languages:** Python

**Operating System: Windows 7/10, Windows Server, Ubuntu 14/18**

**Project #1 Company name and project name**

Data Scientist                                                     January 2014 – Present

* Improved data mining processes, resulting in a 20% decrease in time needed to infer insights from customer data used to develop marketing strategies
* Used predictive analytics such as machine learning and data mining techniques to forecast company sales of new products with a 95% accuracy rate
* Increased data security by updating companywide encryption, steganography, IP security, and secure wireless transmission practices
* Developed ETS for data sources used for reporting by sales, inventory, and marketing departments

**Project #2 Company name and project name**  
**Data Analyst, Mar** 2012 to Dec 2014

Conduct data mining, data modeling, statistical analysis, business intelligence gathering, trending and benchmarking. Data analytics supports decisions for high-priority, enterprise initiatives involving IT/product development, customer service improvement, organizational realignment and process reengineering.

Accomplishments:

* *Data Mining and Modeling:*Collected, cleansed and provided modeling and analyses of structured and unstructured data used for major business initiatives. Outcomes:

— A 15% reduction in transportation costs, resulting in $1.2M annual savings.

— Improved demand forecasting that reduced backorders to retail partners by 17%.

— Completed focus group and BI research that helped boost NW region sales by 15%.

* *Dashboards:* Created visually impactful dashboards in Excel and Tableau for data reporting by using pivot tables and VLOOKUP. Extracted, interpreted and analyzed data to identify key metrics and transform raw data into meaningful, actionable information.
* *eCommerce:* Designed and built statistical analysis models on large data sets (e.g., Aster, Teradata) that helped increase online sales (up to 15% per product) and lowered cart-abandonment rate by 23%.

**EDUCATION**

**UNIVERSITY OF CALIFORNIA, BERKELEY – Berkeley, CA**

Master of Science in Statistics, June 2013

GPA 3.8/4

**THE UNIVERSITY OF ARIZONA – Tucson, AZ**

Bachelor of Computer Science, June 2010

GPA 3.9/4