Antonakis Nikolaos

Data Engineer

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Skills

Predictive Modeling

Multivariate Analysis

Intelligence Gathering

Data Mining

Business Forecasting

SPSS MODELERExpertise

Database Management

Data Operations

Enterprise Resource Planning

Data Scientist familiar with gathering, cleaning and organizing data for use by technical and non-technical personnel. Advanced understanding of statistical, algebraic and other analytical techniques. Highly organized, motivated and diligent with significant background in Data Engineering.

Astute Senior data Scientist with data-driven and technology-focused approach. Communicates clearly with stakeholders and builds consensus around well-founded models. Talented in writing applications and reformulating models.

Detail-oriented team player with strong organizational skills. Ability to handle multiple projects simultaneously with a high degree of accuracy.

To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills.

Work History

2023-05 - Current

Senior Data Scientist

CosmotePayments-Payzy

- Utilized advanced querying, visualization and analytics tools to analyze and process complex data sets.
- Identified, measured and recommended improvement strategies for KPIs across business areas.
- Coached and mentored junior data scientists on SAS and data mining techniques.
- Extracted and assessed data from databases to drive improvement of product development and business strategies and processes.
- Developed intricate algorithms based on deep-dive statistical analysis and predictive data modeling.
- Set up SQL database on cloud servers to store client data for query analysis.
- Developed polished visualizations to share results of data analyses.
- Apache Superset expert

2016-04 - 2023-04

Senior Data Engineer

Alpha Bank

- Designed and developed analytical data structures.

- Generated detailed studies on potential third-party data handling solutions, verifying compliance with internal needs and stakeholder requirements.
- Designed advanced analytics ranging from descriptive to predictive models to machine learning techniques.
- Designed compliance frameworks for multi-site data warehousing efforts to verify conformity with state and federal data security guidelines.
- Monitored incoming data analytics requests and distributed results to support Digital and Bussiness strategies.
- Communicated new or updated data requirements to global team.
- Prepared written summaries to accompany results and maintain documentation.
- Analyzed complex data and identified anomalies, trends, and risks to provide useful insights to improve internal controls.
- Collaborated on ETL (Extract, Transform, Load) tasks, maintaining data integrity and verifying pipeline stability.
- Contributed to internal activities for overall process improvements, efficiencies and innovation.
- Qlik visual analytics reports for digital transformation
- Spss modeler expert
- SQL expert

2013-03 - 2016-04

BI Analyst

Piraeus Bank

- Drafted strategic business intelligence roadmap, complete with data governance policies and tactical information safeguards.
- Integrated BI assets into customer relationship management tasks, improving service personnel's available intelligence.
- Maintained proficiency with latest database technologies.
- Collected data from wide-ranging sources.
- Optimized BI reporting capabilities for secure server environment.
- Created data analysis tools to allow teams to

query acquired information for unique details.

- **1 year in IT department to create Retail datamart**
- Deployed predictive analytics models to forecast future trends.
- Created data models to support decision-making processes.
- Implemented business intelligence solutions to increase operational efficiency.
- Generated standard and custom reports to provide insights into business performance.
- Utilized data visualization techniques to present and explain complex data sets.
- Created dashboards to monitor and track key performance indicators.
- Collected data from wide-ranging sources
- SSIS, ETL procedires

2008-08 -
2013-03

CRM Specialist

Bank Of Cyprus

- Generated standard and custom reports to provide insights into business performance.
- Implemented business intelligence solutions to increase operational efficiency.
- Optimized data access and storage to improve performance of analytics systems.
- Developed and maintained data warehouses and data marts to support business operations.
- Created dashboards to monitor and track key performance indicators.
- Generated ad-hoc reports to evaluate specific business requirements.
- Developed customized reports, summarizing and presenting data in visually appealing format.
- Developed complex dashboard and reporting tools to track business performance metrics.
- Developed data mining algorithms to identify and classify patterns in data.
- Utilized data visualization techniques to present and explain complex data sets.
- Analyzed data to identify root causes of problems and recommend corrective actions.
- Created data models to support decision-making processes.
- Designed and developed data pipelines to acquire, clean and process data.

- Deployed predictive analytics models to forecast future trends.
- Assisted with creating data cubes and OLAP models to improve data analysis.
- Collaborated with stakeholders to identify business needs and data sources.
- Updated and developed scripts and queries to extract and analyze data from multiple sources.
- Developed and implemented data governance policies and procedures.
- Provided technical support for troubleshooting analytics and reporting issues.
- SAS visual analytics
- Identified patterns and trends in large data sets and provided actionable insights.
- Integrated third-party analytics solutions into ongoing projects.
- Managed large-scale implementations on platforms such as bussinessv objects and SAS.
- Exploited closed-loop reporting tools and CRM systems to inform data organization and exploitation measures.
- Integrated SEO and PPC considerations into analytics management and planning to maximize ROI metrics.
- Translated complex business objectives into actionable data management plans for individual clients and customer classes.
- Modeled predictions with feature selection algorithms.
- Devised and deployed predictive models using machine learning algorithms to drive business decisions.
- Compiled, cleaned and manipulated data for proper handling.
- Improved data collection methods by designing surveys, polls and other instruments.
- Applied loss functions and variance explanation techniques to compare performance metrics.
- Developed polished visualizations to share results of data analyses.
- Implemented randomized sampling techniques for optimized surveys.
- Analyzed large datasets to identify trends and patterns in customer behaviors.

2006-12 - 2008-07

Back Office Executive

FIRST DATA HELLAS

- *Applications Processing Services For Alphabank*
- Developed and updated calendars to schedule team and customer meetings.
- Assessed special reports, summarizing information and identifying trends to guide decision making.
- Improved employee and client retention rates through active communication and problem-solving efforts.
- Organized office operations, leading daily activities and controlling correspondence.
- Produced reports, contracts and correspondence using various software.
- Hired, trained and on-boarded new team members and conducted evaluations to boost performance.
- Worked with IT department to address technology issues and shortfalls.
- Analyzed trends and reported on areas of improvement or change.

1999-09 - 2007-09

Survey Administrator

Evident

- Consulted with clients to identify survey needs and specific requirements such as special samples.
- Reviewed, classified and recorded survey data in preparation for computer analysis.
- Remained highly educated in various software packages by regularly attending training and webinars.
- Collaborated closely with others to develop new surveys and questionnaires, test survey links and proofread documentation.
- Delivered effective oral presentations to staff and clients based upon data compiled from different research sources.
- Used strong and eloquent speaking skills in delivering questions to survey participants by phone and prompting responses to complete questionnaires.
- Proven ability to develop and implement creative solutions to complex problems.

- Assisted with day-to-day operations, working efficiently and productively with all team members.
- Worked well in a team setting, providing support and guidance.

2005-09 - 2006-07

Education Volunteer

Emigrants Greece

- Supervised students on field trips for safety and proper behavior in public settings.
- Graded assignments and reported individual progress to teacher.
- Supported student learning objectives through personalized and small group assistance.
- Supported classroom activities, tutoring, and reviewing work.
- Set up visual aids, equipment, and classroom displays to support teacher's lesson delivery.
- Took attendance, graded assignments, and maintained student records to assist teachers with administrative tasks and maintain smooth daily operations.
- Delivered personalized educational, behavioral, and emotional support to individual students to enable positive learning outcomes.
- Assisted teachers with supervision and care of group of10 emigrants children.
- Distributed learning materials such as worksheets, textbooks and group assignments.

Education

Master of Science: Big Data &Analytics

Athens Univercity of Economics And Bussines - Athens

2016-11 - 2017-01

No Degree: QLIKSENSE

QLIK Academy - ATHENS

Clustering IBM SPSSMODELER

IBM Education Center - ATHENS

No Degree: Microsoft Self Service BI

MICROSOFT - ATHENS

No Degree: Applied Analytics Using SAS® Enterprise Miner™-SAS

SAS Academy - GREECE

Bachelor of Science: Physics

Physics - Ioannina

2023-09 - Current

Bachelor of Science: IT Engineering

Univerciy of West Attica - Greece
after the stroke I passed the exams for people with special needs

Interests

Disabilities people volunteer

Reading

Trekking

Technologie

Cooking