

BENJAMIN GARCIA

Database Manager | Data Analysis & Biostatistics Enthusiast

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Chicago, Illinois



SUMMARY

An enthusiastic Database Manager with over 9 years of experience, skilled in statistical software like STATA, SAS, and SPSS, as well as Microsoft Office. Notable achievement includes leading a database restructuring project that boosted data retrieval times by 30%.

EXPERIENCE

Senior Database Analyst

HealthTech Innovations

03/2019 - Present Chicago, Illinois

- Spearheaded a large-scale database restructuring project that improved data retrieval times by 30%, significantly enhancing research productivity and decision-making.
- Collaborated with cross-functional teams to integrate 5 new data sources, improving the accuracy of clinical data analysis and patient outcomes tracking.
- Designed a custom data backup process that was adopted across all departments, reducing data loss incidents by 50%.
- Delivered a comprehensive statistical analysis report that influenced the development of two new treatment protocols, substantially impacting patient care.
- Authored and implemented new data governance policies, ensuring 100% compliance with federal and state regulations.
- Trained and supervised a team of 3 junior biostatistical consultants, fostering a culture of continuous learning and professional development.

Database Manager

MediData Solutions

08/2016 - 02/2019 Chicago, Illinois

- Increased data analysis efficiency by 40% by automating routine database maintenance tasks, leading to more timely insights for clinical trials.
- Managed the migration of a multi-terabyte database to a new platform with zero downtime, resulting in no disruption of continuous data analysis services.
- Developed and executed a data quality assurance program, reducing data discrepancies by 25% and enhancing reliability for end-users.
- Facilitated the seamless collaboration of a 20-member research team by designing and implementing a user-friendly database interface.
- Orchestrated a successful database upgrade project that supported an increase in research data capacity by 100%.

Data Specialist

LifeStream Analytics

01/2014 - 07/2016 Chicago, Illinois

- Implemented a new data analysis framework, reducing report generation time by 35%, thereby enhancing the decision-making process for research projects.
- Developed a secure data-sharing portal for multisite research projects, promoting standardized data collection and sharing protocols across 10 institutions.

EDUCATION

Master of Science in Biostatistics

University of Chicago

01/2012 - 01/2014 Chicago, Illinois

Bachelor of Science in Computer Science

Illinois Institute of Technology

01/2008 - 01/2012 Chicago, Illinois

PROJECTS

Healthcare Data Analytics Library

Contributed to the development of an open-source library designed to simplify data analytics in healthcare research. See more at github.com/healthcare-datalib.

Transplant Research Database Tool

Led the creation of an innovative tool to assist with managing large datasets for transplant research. Details at github.com/transplant-dbtool.

KEY ACHIEVEMENTS

Innovative Database Restructure

Recognized for reshaping a healthcare database architecture that improved efficacy and speed of the clinical research process.

Data Loss Prevention

Data Integration Achievement

Successfully integrated multiple complex data sources within a stringent 6-month timeline, enhancing the comprehensiveness of research data.

Statistical Analysis Excellence

Curated an extensive statistical analysis report that played a pivotal role in the strategic planning for a patient care initiative.

SKILLS

STATA SAS SPSS R

Database Management

Biostatistics Consulting

LANGUAGES

English
Native



Spanish
Proficient

