

BENJAMIN GARCIA

Database Manager | Data Analysis & Biostatistics Enthusiast

📞 +1-(234)-555-1234 @ Email 🔗 linkedin.com 📍 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%.

SKILLS

STATA, SAS, SPSS, R, Database Management, Biostatistics Consulting

EXPERIENCE

03/2019 - Present

Chicago, Illinois

Senior Database Analyst

HealthTech Innovations

- 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.

08/2016 - 02/2019

Chicago, Illinois

Database Manager

MediData Solutions

- 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%.

01/2014 - 07/2016

Chicago, Illinois

Data Specialist

LifeStream Analytics

- 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

01/2012 - 01/2014

Chicago, Illinois

Master of Science in Biostatistics

University of Chicago

01/2008 - 01/2012

Chicago, Illinois

Bachelor of Science in Computer Science

Illinois Institute of Technology

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 Integration Achievement

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




Data Loss Prevention



Statistical Analysis Excellence


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

INTERESTS



Advanced Statistical Analysis

I am deeply passionate about leveraging advanced statistical analysis to drive medical research and improve patient outcomes.



Data Science Volunteering

Volunteer regularly to teach data science skills, aiming to foster analytics knowledge within local communities.