Anjana Hassan, MD

Data Analyst

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CONTACT

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SKILLS

Python(Pandas, Numpy, Seaborn, Matplotlib)

SQL (PostgreSQL)

Power BI, Tableau

Excel, Agile workflow

Git/GitHub

Physician

Biomedical Researcher

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EDUCATION

Data Analytics Certification
Nashville Software School
Anticipated Graduation, August 2022

MD, Kottayam Medical College
Mahatma Gandhi University, Kerala, India, Graduation,December 2000

Tennessee State University (BS coursework in Biological Sciences, 2021)

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LICENSURE & CERTIFICATION

Certified by ECFMG:
Education Commission For Foreign Medical Graduates, USA, Certified - 2009

Licensures:

Indian Medical Council, Licensed - 2000

Certifications:

Drug discovery Product management Specialization, University of San Diego, CA, USA, Coursera, 2021

PROFILE

As a data analyst with prior experiences working as a physician and a scientific researcher, I am excited about the numerous ways in which outcomes driven data analytics can provide insights for impactful decision making by organizations. I am looking forward to bringing my passion for data analytics, critical thinking abilities along with 10 years of experience working with research datasets to make an impact on business decisions.

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DATA ANALYTICS EXPERIENCE

Data Analyst Apprentice, Nashville Software School / May 2022 - Present, Nashville, TN

Intensive full-time bootcamp focusing on data analytics fundamentals and problem solving. Projects involved real-world datasets and presentations to stakeholders from the community.

- Retrieved and analyzed a variety of data sets using PostgreSQL and Python.
- Built and deployed dashboards using PowerBI and Tableau.
- Analyzed data using Excel, including pivot tables, lookups, and connecting to external data sources with the PowerPivot add-on.

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PROFESSIONAL EXPERIENCE

Scientific Researcher, Biomedical Sciences, Vanderbilt University Medical Center, (2013 - Present) Nashville, TN

- Proposed, developed and analyzed multiple projects in Neurology and Nephrology.
- Critically analyzed datasets using Excel, derived assumptions and presented the results of my analysis in scientific meetings and poster sessions.
- Led two vast projects, mentored three graduate students and managed two research labs efficiently.
- Collaborated with scientific leaders studying neural receptors and cellular adhesions.

Physician, Volunteer, Exodus Family Practice Center, Nashville, Tennessee, (2006-2013)

Resident Physician, Dept. of Obstetrics and Gynecology, King Khaled General Hospital, Riyadh, Saudi Arabia (2004-2006)

Resident Physician, Dept. of Obstetrics and Gynecology, KNS Hospital, Kerala, India (2000-2004)

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ANALYTICS PROJECTS

Python- Tennessee's Early Intervention System Project (TEIS): Analyzed two large realtime datasets provided by the TN Department of Developmental Disabilities focusing on referral and re-referral patterns in children with disabilities.

SQL - Lahman Baseball: Performed a thorough analysis of baseball statistics of The Lahman baseball database consisting of 20 tables and 100 years' worth of data.

PowerBI - ECD dataset: Created an interactive dashboard allowing users to explore the Economic Development of Tennessee over the past 8 years and its impact on TN unemployment.

Tableau: Extracted, analyzed and created an interactive dashboard utilizing CDC data on the 2017 United States cancer statistics.

Excel - Nashville City Cemetery Dataset: cleaned and analyzed the dataset to provide insights into usable marketing materials.