



Bevan Stanely

M.B.A - Business Analytics

Personal email: bevanstanely@outlook.com

LinkedIn: <https://www.linkedin.com/in/bevsxyz/>

Website: <https://stan-ely.com/>

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ACADEMIC DETAILS			
YEAR	DEGREE	SPECIALIZATION	COLLEGE
2023-25	MBA	Business Analytics	BITS Pilani
2019-23	M.Sc.	Computational Biology	IISc Bengaluru
2016-19	B. Sc.	Biological Sciences	Bangalore University (BU)
2016	HSC	PCMB	GHSS Big Bazaar
2014	SSC		BEM HSS

TECHNICAL PROFICIENCY AND CERTIFICATIONS	
Technical Proficiency	SQL, Python, R, Advanced Excel, Tableau, Power BI
Languages	English, Hindi, Malayalam, Kannada, Tamil
Relevant Coursework	Statistics & Basic Econometrics, Time Series Analysis, Probability Models, Scalable Systems, Data Management & Warehousing, Parallel Programming, Spatial & Stochastic Dynamics
Certifications	Data Science Specialization - Internshala , Applied Analytics using Python and Tableau – KPMG , Machine Learning with Python – IBM , Cloud Technical Essentials – AWS

INTERNSHIP EXPERIENCE	
Research Student , Dr. Samay Pande's Lab, Dept. of Microbiology and Cell Biology, IISc	Mar 2020 - Jul 2022
<ul style="list-style-type: none"> Developed an agent- based computational model of bacterial life cycle, conducting over 9000 simulations. Results from simulations indicated that sporulating bacteria exhibit greater diversity. Summarized the findings from the simulations and current bacterial diversity research in the master's thesis. 	

PROJECT & RESEARCH EXPERIENCE	
Research Question Answering System using RAG Models - Generative AI (Ongoing)	
<ul style="list-style-type: none"> Collected and cleaned abstracts from arXiv and stored the data in a vector store. Constructed an RAG (Retriever, Answerer, Generator) model with chain of thought and associative learning using prompt engineering techniques. Deployed the model using LangChain for question answering from research articles. 	

Data Visualization Project, BITS Pilani	
<ul style="list-style-type: none"> Led a team of 7 to collect, clean, and analyze data from 204 student responses using Power BI. Presented data-driven insights in a mid-term review, showcasing communication skills and project management abilities. Demonstrated leadership and stakeholder engagement in managing the project and team dynamics effectively. 	

<u><i>Women's Ice Hockey Performance Modeling and Strategic Insights Project</i></u>	
<ul style="list-style-type: none"> Executed multiple regression analysis to quantify the impact of key variables on average points scored in women's ice hockey. Simulated strategic enhancements, projecting a 20% increase in shots on goal and predicting the overall team point impact. Directed a collaborative team in data collection, analysis, and report generation, ensuring on-time delivery of key project milestones and enhancing overall efficiency and success. 	

IISc, Department of Computational & Data Sciences: <u><i>Parallel Meta-heuristic Optimization</i></u>	
<ul style="list-style-type: none"> Engineered a remarkable 40x acceleration in algorithm execution by implementing parallel GPU architecture, showcasing profound expertise in performance optimization and cutting-edge technology. Diagnosed GPU random number generators as a limiting factor for the achieved speedup, showcasing a keen analytical mindset in addressing computational challenges. Successfully worked independently on the optimization project, demonstrating the ability to take ownership and deliver results autonomously. 	

POSITIONS OF RESPONSIBILITIES	
Student Faculty Council - Core Member	
<ul style="list-style-type: none"> Led collaborative policy drafting across departments, aligning policies with organizational goals. Addressed productivity concerns through impromptu seminars, showcasing problem-solving and leadership skills. 	

Personal Assistant to Dean at AUGSD, BITS Pilani	
<ul style="list-style-type: none"> Planned and idealized advertisement videos in collaboration with the film making club to promote BITSAT Exam. Conducted discussions with current northeast students to understand reasons for lower representation and devised plans to send a group for promotional events at schools, aiming to improve representation and outreach efforts. 	

Tech Geeks Club - Core Member	
<ul style="list-style-type: none"> Develop and maintain a website for the management fest, enhancing the online presence and user experience for participants. 	

EXTRA CURRICULARS	
<ul style="list-style-type: none"> Poster Presentation: Showcased Master's thesis at the 46.5th Annual International Meeting on the Biology of Myxobacteria. Research Assistant at Center for Entrepreneurial Leadership (CEL): Data Collection and literature review on the performance of accelerators and incubators within the Indian startup ecosystem, identifying key trends and insights. Smart 3.0 Online Pitch Competition: Led a global team in creating an EdTech business plan, highlighting strategic vision and innovation. Successfully pitched the plan, securing recognition for its potential impact on educational technology. 	