As part of the application process to the W. P. Carey School of Business, you are required to answer the following essay questions. Type your answers below each question, then save and upload this document when you submit your application materials.

**Essay Question #1**

Business is personal beyond data. We want to learn more about you. Please answer all of the following. (500 words or less)

**After I graduate:**

1. I will be remembered for…
2. I will have gained….
3. I will be working for….

**Response:**

I have been working in Capgemini for the past 37 months as a mainframe developer. My professional role includes working in coding, application enhancement, support, ad-hoc client requests, technical and business solutions, and team-leading. I have experienced to possess sound analytical and critical thinking and good soft-skills while engaging with the team.

# Business analytics requires learning in statistical analysis software, databases, survey software, data mining, data visualization, database design, etc. The ‘W. P. Carey Master of Science in Business Analytics (MS-BA)’ degree program curriculum covers all these areas and also includes areas of Marketing Analytics and Business Analytics Strategy. I expect to gain knowledge and competency in them through the analytics program.

# An analyst further needs mathematical proficiency in algebra, calculus, and statistics, along with having programming skills. I have an industry level of programming experience. I have expertise to create as well as modify existing codes with new logics as per technical and business requirements. I am proficient in Cobol, C, C++, Python, and MATLAB language.

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I have strong mathematical proficiency in algebra, calculus, and statistics. Through my college curriculum in engineering mathematics, I gained sound knowledge and practice on concepts of set theory, mathematical logic, modern algebra, trigonometry, limits and continuity, differential equations, complex numbers, matrices and determinants, infinite series, probability, and statistics. Further mathematics included Fourier analysis, partial differential equations, vector calculus, numerical analysis, probability theory, application of Fourier, and Z transform. I will be pleased to gain proficiency in using my mathematical skills with real-life problems.

In summary, I will gain using Data analysis and visualization tools such as Linear Optimization, Descriptive Statistics, Multivariate Analysis, and do mining Algorithms using Python, C++, Excel, etc. I would be able enough to work in a data-rich environment, analysis, and problem solving to improve the quality of services delivered in business. Through statistical research, I will also have learned to analyze past performances and predict future business practices to lead business effectively.

With so much real-time data getting generated daily, the role of an analyst in making use of the data to extract valuable information and model business accordingly is very responsible.

I prefer opting to work for an IT organization as a data scientist or a management analyst. As a data scientist, I would collect and interpret big data through quantitative analysis to predict, evaluate, and inform decisions to the business, which include human resources, customer service, marketing, operations, and finance. A good understanding of operation management makes a business analyst to operate in operation management easier.

# I see this analytics program as an excellent pathway to assimilate for my venture into big data and analytics. The team-based learning on deriving value from data and lead data-driven analysis for the business market will be a unique and enhancing experience. I will have a strengthened life after graduation and be remembered as a kind person who seeks continuous learning and growth.

**Essay Question #2 (Optional)**  
Please provide any additional information you would like to bring to the attention of the admissions committee. (250 words or less)

**Response:**

Right from the early years, although I did reasonably well in literature subjects, I found maths and science more appealing. I loved playing sports, especially cricket, football, badminton, and table tennis. My other interests included socializing, painting, and participating in school programs.

During my professional period in Capgemini, I gained exposure to types of algorithms, data structure, pseudocode, making UML test cases, and working in the Software Development Life Cycle (SDLC). I have operated with DB2 and MYSQL databases. I have the expertise to design databases, database objects, and write SQL queries to work with the databases.

Furthermore, I cleared an IBM held certification exam for the DB2 9 Fundamentals and became an **'IBM Certified Database Associate.'**

I possess sound and transparent soft-skills in engaging with the team. In Capgemini, my team and I received the **'BEST TEAM'**award for performance and commitment to teamwork. During college, my team and I participated in college tech-fest, where we could demonstrate ourselves as engineers. Our one model was a cost-efficient way to generate electricity through heat wasted in cooking using the Seebeck effect. The model gave an excellent 12 percent power efficiency.

The future of this world lies in analyzing the data, and correct analysis can contribute to improving the endless areas of our lives. The '[Arizona](https://wpcarey.asu.edu/) State University' is a prestigious university. My association with an institution like yours would be a great honor to me, and I shall work upon living up to it at the best I can.