**Three jobs from job searches**

# 1- **Job title:** Applied Data Scientist

Company: [Analytic Partners](https://www.indeed.com/cmp/Analytic-Partners?campaignid=mobvjcmp&from=mobviewjob&tk=1g86j25r0k2m1800&fromjk=ad35b61a689b4b91)

Job description:

We offer a cloud-based, managed software platform which delivers adaptive solutions for deeper business understanding and right-time planning and optimization for marketing and beyond. We work with top-tier companies across the globe in a wide range of industries Including: Automotive, Consumer & Business Technology, Consumer Goods, Financial Services, Retail & Restaurants, Telco & Entertainment, Travel & Hospitality, and Wine, Beer & Spirits.

Your responsibilities:

Analyze data and create novel analytical solutions to answer business questions. Research statistical/ML methodologies to solve client problems and further develop AP’s product

Requirements:

3+ years of working experience, Advanced degree in a quantitative field (e.g., computer science, statistics, engineering, physics, mathematics, etc.), Prior experience with experimental design, Prior experience with SQL and Python, Technical understanding of probability & statistics, machine learning and optimization algorithms.

**My idea:** This job has combination of engineering and programming. I think this looks good for me, because it needs an engineer who knows Python, SQL, Machine learning and statistics. I can meet the requirements.

# 2-**Job title:** Data Scientist

Company: [Bloomingdale’s](https://www.indeed.com/cmp/Bloomingdale's?campaignid=mobvjcmp&from=mobviewjob&tk=1g86lhaakk7qn800&fromjk=e0f7cf7a1c0f16ac)

Job description:

The Data Scientist is a part of the Data Analytics group. The Data Scientist will develop innovative analytical approaches to customer, loyalty, promotion, and marketing strategies. The Data Scientist will create practical methods to forecast demand, understand customer preferences, simulate business outcomes, and optimize major investments.

Your responsibilities:

Answer complex business questions by using appropriate statistical or machine learning techniques on available data, or designing and running experiments to gather data. Develop novel applications of simulation, optimization, summarization, and machine learning techniques for classification and forecasting. Work closely with cross functional teams to encourage best practices for experimental design and data analysis. Create compelling interactive visualizations and presentations to enhance decision making capabilities throughout the company.

Requirements:

Master's Degree. 3-5 years direct experience. M.S. or Ph.D. in relevant technical field such as Statistics, Computer Science, Engineering, or Economics. Practices open and continuous communication, values keeping others informed, effectively presenting information in a clear, concise manner. Expert knowledge of analytical tools such as SAS, R, SPARK, Matlab, or STATA and scripting languages such as Python, Perl, or PHP. Expert knowledge in relational databases and SQL.

**My idea:** I think it is a good job and I can meet the requirement. It needs SQL and machine learning.

**Note:** I don’t know SAS or SPARK

# 3-**Job title:** Product Development Engineer (Mechanical Engineer/ Python programming)

Company: HEVO Inc

Job description:

HEVO is a leading developer of wireless charging systems for electric vehicles - headquartered in Brooklyn. We are seeking to employ/contract an experienced mechanical engineer devoted to our core values of Honesty.

Your responsibilities: Assembly of HEVO Wireless Charging systems including soldering, mechanical assembly, and any manual rework. Design feedback to mechanical and electrical design teams based on manufacturing and quality experience.

Requirements: Two years of experience (Automotive industry preferred) and a Bachelor’s Degree in Mechanical or Industrial Engineering. Experience with 3D modeling software. Solidworks preferred. Experience with automotive or power electronics. Experience with dimensional layouts and a working knowledge of GD&T. Basic experience with programming (Python/C++)

**My idea:** That’s a good job as well. It is combination of mechanical engineering and Python programming.