

The Right Job Title

I think that there are three job titles that would suit me best:

1. **Business Intelligence Analyst:**
 - a. Consult with internal business users/stakeholders (e.g., Marketing, Logistics, Customer Service) to develop analyses that lead to actionable insights that accelerate profitable growth
 - b. Wrangling data from multiple sources including sales, inventory, product, and customer databases to create integrated views that can be used to drive decision making
 - c. Working with several large and complex SQL and Vertica databases
 - d. Working with OLAP reporting technology, such as cubes, MDX, and data mining techniques
 - e. Designing and building reports, dashboards, and analyses in Excel, Python, SQL, and Tableau.

I think that the Business Intelligence Analyst position suits me because it gives me an opportunity to analyze data to improve decision making, which could impact the company. Additionally, I feel that I would get a balanced sense of both the business side and the technical side, which would allow me to grow my business acumen and sharpen my analytical thinking skills.

2. **Data Analyst:**
 - a. **Analytical Skills:** Data analysts work with large amounts of data: facts, figures, and number crunching. You will need to see through the data and analyze it to find conclusions.
 - b. **Communication Skills:** Data analysts are often called to present their findings, or translate the data into an understandable document. You will need to write and speak clearly, easily communicating complex ideas.
 - c. **Critical Thinking:** Data analysts must look at the numbers, trends, and data and come to new conclusions based on the findings.
 - d. **Attention to Detail:** Data is precise. Data analysts have to make sure they are vigilant in their analysis to come to correct conclusions.
 - e. **Math Skills:** Data analysts need math skills to estimate numerical data.

Data Analyst is also another job that I have been looking into since I will get the opportunity to work with data and analyze them to get a story out of it and possible solutions to solve a problem.

3. **Data Scientist:**
 - a. Selecting features, building and optimizing classifiers using machine learning techniques
 - b. Data mining using state-of-the-art methods
 - c. Extending company's data with third party sources of information when needed
 - d. Enhancing data collection procedures to include information that is relevant for building analytic systems
 - e. Processing, cleansing, and verifying the integrity of data used for analysis
 - f. Doing ad-hoc analysis and presenting results in a clear manner
 - g. Creating automated anomaly detection systems and constant tracking of its performance

Data Scientist is interesting for me since I get to work on everything, such as cleaning the data, understanding the story from it, and extracting business insights. Additionally, I will be using machine learning techniques to provide a recommendation model such as predicting what kind of products a customer is going to repurchase. This excites me because I want to work in a role where I could contribute an impact to the company and improve its profitability significantly.