

17.2 python notes

1. I am T. Kumar I am from Kadapa which is A.P coming to my studies I done my graduation Amjara College of Technology with the CGPA is 7.7. which is Affiliated by the Anna University. Coming to my project. during final year done one project which is Complaint system. After I will concentrate the data analytic course and I will learn the foundation of the data analytic and I will implement real life project. my skills are SQL, Excel, PowerBI, python with machine learning.

Coming to SQL I build the some business related queries, coming to excel using pivot table I create the dashboards and visualization, PowerBI I will create interactive dashboards and some of the trends and say to know the business.

2. why did you choose a career in data analytics or data science.

I've always enjoyed solving problem. I have been fascinated by the power of data to uncover patterns solve the the problems and drive better decision.

In today's digital world and I believe that the ability to analyze and interpret that data is one of the most valuable skills a profession can have what exist the most is the opportunity to turn complex unstructured data into the meaningful insights that can shape strategy, improve efficiency, and create tangible impact.

3. What do you know about your company and why do you want to work here?

From my research, I understand that your company has built a strong reputation for innovation, data-driven strategy, and customer-centric solution. You have established yourself as a leader leveraging Analytics and Technology to improve performance streamline operations and deliver exceptional value to clients. I am particularly impressed by your commitment to integrating modern.

4. Describe a time when you faced a challenge in a project and how you handled it.

During my internship I worked on a project that require analyzing customer data to identify sales trends. The main challenge I faced was the inconsistency and incompleteness of the data set. After the data was cleaned I used Power BI to visualize the trends and present insights to my supervisor. The final dashboard revealed patterns that we are previously unaware. It also strengthened my belief that challenges often lead to growth.

5. How do you handle tight deadlines and pressure at work?

I handle tight deadlines and pressure by maintaining structure prioritizing effectively and staying calm under stress. In data analytics accuracy and attention to detail are essential, so I believe the key is to manage time wisely without compromising quality. When faced with multiple deadlines I start by identifying the most critical tasks. The ones that directly impact our core output come first or depend on others input. I create a realistic time line.

6. How do you explain complex data insights to non-technical people?
Explaining complex data insights to non-technical people's stakeholders requires clarity, storytelling and empathy. I start by understanding my audience, their goal background, the decisions they need to undertake based on data. This helps me tailor the needed communication to their Java and focus on the matter so, what of the actions it suggest. I use visual such as charts dashboards etc.

7. In Describe a situation where your analysis or recommendation made a positive impact

In one academic project my team analyzed customer churn data for a telecommunication company. I was responsible for identifying key key factors contributing customer attrition and recommending strategies to reduce it. I conducted the exploratory data interesting correlations. Such as high churn rate among customers. Based on this finding I recommend target interventions, including improve customer service support facility.

8. How do you handle feedback or criticism.

I view feedback as an essential part of professional situation positive or constructive helps me draw strength to build and areas for attention if necessary

Once I fully understand the input I reflect on how to apply it under the perspective behind the

During a college project my mentor pointed out that reports needed the audience. I took that point out that my reports were too detailed rather to hide it for business.

9. what are your short-term and long-term career goals?
in the short term my goal is to be practical in data analytics by working on real-world projects that involve data cleaning. I am to contribute to an organization generate insight that support business strategy in the and machine learning. I want to specialize in advanced statistical modeling artificial intelligence, and big data technologies. Impact

Beyond that I also want to grow the communicator and some guide.

10. what motivated you to do best work?

I am motivated by curiosity, impact and continuous improvement. I find it deeply satisfying to uncover insights hidden within data and see how insights to real-world result. The process of transforming raw information into actionable to solve maintain problem whether challenging and contribute + tangible progress keeps me motivated.
collaboration and inspire me. working in teams.