

1. Look at the Knowledge post from a student below. In this example, the student asked multiple questions, all of which should be answered by the Mentor to whom the question is assigned.



## Few Question Regarding Travel App



Meaghan S about 2 months ago

Hello,

I'm having a few difficulties while building my Travel App. Are we required to enter only the place name in the input box, or could we also enter the postal code? I was having trouble getting it to accept the place name. If we use the place name should we also include the country? Finally, I was working on integrating the weather forecast. Do we need to display the data for today's date, or only for the travel date?

Looking forward to your response so that I can move forward with my project.

Thanks!

Provide a list of **each question** the student asked. **Note:** You are not being asked to answer the questions, only identify them.

- 1.Travel App: Should the search textbox have only the place name as input data or zip code as well
- 2.Trouble with place name, if only place name is inserted, should country name also be included
- 3.I am working on integrating weather forecast, is it okay?
- 4.if I do so, should the weather forecast be of today's date or only the travel date [insert your answer here]

2. When answering a student's questions on Slack/ Discourse, why is it important to try to anticipate future questions? Please provide examples

When answering a student's questions on Slack/Discourse, it is important to try to anticipate future questions. The reason is, sometimes a student can reach a mental situation of confusion and frustration due to discontinuity in thought process due to lack of knowledge/insight on how to continue through a project. If, as a mentor, I am able to think of future situations in the project and am able to provide guidance in the form of one solution or more and help in bringing in ideas to show my students that this is the way the thought process/concepts work in this situation/scenario/problem, I am avoiding a lot of unnecessary back and forth for the students and they have their concepts laid out crystal clear and can communicate more effectively about exactly what they want to know! This avoids the mental stress of confusion and frustration for

the students, and they will feel encouraged to work better towards successful completion of their ND Program.

Example: While designing a database for a full stack java web development system, one must maintain a optimal number of tables and create the triggers in the SQL backend, for this purpose, one must understand the Boyce Codd law. In doing so, the student not only understands the automation in the backend, but it also eliminates his or her frustration in updating multiple columns in a single table or replication of data or doing the automation by hardcoding in java itself keeping the java database connectivity open which is not secure as a practical real time application.

3.

**Thread**  
#business-analytics-nanodegree

**dgilligan** Dec 15

When building the financial forecasting model- I am trying to find the section that talks about how to determine and/or calculate the assumption levels for Strong, Base, Weak. I know it is in there but I am having trouble finding the specific steps for that part. If anyone could provide the information or point me to the correct section, I would greatly appreciate it. Thanks!

1

5 replies

**Shuyan-Tutor-BAND** 2 months ago

@dgilligan Hey, assumption could be based on historical data. For this project, I would suggest to use mean for the base case. Strong case could be mean + standard deviation; then weak case is mean - standard deviation.

**Shuyan-Tutor-BAND** 2 months ago

(Advanced) Think about how standard deviation (sd) help us understand a dataset. The mean plus one standard deviation is the threshold for 68% cases. It means, in general, we have a 32% chance to get a value higher than that. Of course you may use mean + 1.5 sd or even mean + 2sd which depends on how "strong" you are assuming. It is totally fine if you are not familiar with this rule. This is not required by the program. (edited)

1

**Shuyan-Tutor-BAND** 2 months ago

Reference:  
[https://en.wikipedia.org/wiki/68%E2%80%9393%E2%80%997\\_rule](https://en.wikipedia.org/wiki/68%E2%80%9393%E2%80%997_rule)

**Thread**  
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**Shuyan-Tutor-BAND**

Reference:  
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**Wikipedia**  
**68–95–99.7 rule**  
In statistics, the 68–95–99.7 rule, also known as the empirical rule, is a shorthand used to remember the percentage of values that lie within a band around the mean in a normal distribution with a width of two, four and six standard deviations, respectively; more precisely, 68.27%, 95.45% and 99.73% of the values lie within one, two and three standard deviations of the mean, respectively.  
In mathematical notation, these facts can be expressed as follows, where X is an observation from a normally distributed random variable,  $\mu$  is the mean of the distribution, and  $\sigma$  is its standard deviation:

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Show more (149 kB)

**dgilligan** 2 months ago

Thank you! This was exactly what I was trying to locate. Appreciate it!

**Shuyan-Tutor-BAND** 2 months ago

Anytime 😊

Reply...

- a. Did this mentor personalize their response to the student? If yes, how did they personalize their feedback? If they didn't, how could you improve their personalization?

[insert your answer here]

Yes, the mentor personalized their response by referring to a website and also describing the concept in their own understanding of words

- b. Was the mentor's response accurate? If not, how could you improve it?

[insert your answer here]

Yes, it was accurate

- c. Was the mentor's response clear? If not, how could you improve it?

*[insert your answer here]*

*Yes, the mentor offered a clear response. He explained dividing data into three categories such as Strong, Base, Weak, where Base data makes use of mean, Strong data is values  $\geq \text{Mean} + \text{Standard Deviation}$ , Weak Data  $\leq \text{Mean} - \text{Standard Deviation}$ .*

*He uses Wikipedia and percentage of success in analyzing the historical data in this manner and also provides a couple of relatable graphs,*

- d. Was the mentor's response thorough? Please evaluate the thoroughness of the mentor's response.

*[insert your answer here]*

*The response of the mentor met the student's question in all dimensions, with the mentor's own solution to the problem, reference of a website and his own explanation with graphs!*

4. Fill in the table below with the person or team students should reach out to in the following cases:

Withdraw from the program	Support
Content related question	Session Leads, Mentors
Plagiarism appeal	This is against Honor Code and Code of Community Conduct-should be reported to <a href="mailto:ureport@udacity.com">ureport@udacity.com</a> --an agreement fair to all the concerned parties is expected to be reached when reported to this email!
Changing their session time	Support
Providing ND Feedback	Feedback Form at the end of each lesson-option to rate and comment-like the smiley faces -to grade their experience of the lesson delivered and the comment textarea box to write comments-if any!
Unable to access their classroom	Support
Project related question	Connect Session-Mentors/Session Leads/Tutors responsible for the ND

5. Give a summary of at least 3 specific situations where the student did **not** meet the community guidelines and what you should do as a mentor in each case

*With a bit of your help, <https://udacity.zendesk.com/hc/en-us/articles/210667083-What-is-a-community-violation-and-how-are-they-handled->*

*The community violations as mentioned in the above website are:*

- **“Harassment:** Inappropriate, harassing, abusive, discriminatory, derogatory or violent comments or conduct.
- **Discrimination:** Offensive comments related to gender or gender identity, sexual orientation, race, ethnicity, religion, national origin, disability or disease
- **Distributing inappropriate content:** Use of sexual, violent, graphic, or derogatory images
- **Bullying:** Deliberate intimidation, threats of violence or violent language directed against another person
- **Sexual harassment:** Unwelcome sexual attention
- **Defamation:** Obscene, fraudulent, indecent, or libelous acts that defame, abuse, harass, discriminate against or threaten others
- **Plagiarism:** will not cheat on any homework assignment, projects or exams for the Online Courses and, specifically, will not plagiarize materials created by others
- **Self-injury or Suicide:** We do not encourage community postings related to self-injury or suicide. If you or someone you know is exhibiting signs of self-injury or suicide, find help at the [Suicide Prevention Lifeline](#) in the U.S. and [Befrienders.org](#) globally.

*I infer that for any community violation as listed in the website, I must report to [report@udacity.com](mailto:report@udacity.com). Tackling it by myself is not my sole responsibility as a Udacity Mentor/Session Lead!*

6. What are the three ways Udacity classifies students as they progress through their Nanodegree program?

*As per 'Udacity Dashboard', students are classified as "Ontrack", "Behind" and "Critical". As per 'Connect sessions', students are classified as "Overachievers", "Challengers" and "Inactive".*

7. What type of follow up steps should a mentor take with each type of student?

*Dashboard Classified People:*

*Ontrack: Check on them biweekly, motivate them provide them with new knowledge, encourage early graduation*

*Behind :Share stories of the 'Behind' students of the past who have successfully graduated, encourage attendance, provide needed support during sessions.*

*Critical: All of the steps of the Behind, with inspiring stories of Critical category students who did graduate, and also provide support in coordination with "Support" (aka Udacity Team)*

*The Connect Session Categorized People:*

*Overachieving: Provide new and more challenging projects and encourage early graduation*

*Challenger: Share useful resources*

*Inactive: Share success stories of students who graduated*

*Remind them of the value of Udacity classroom and connect sessions*

*Provide support in coordination with Udacity team, also known as support.*