

Interview Experience Oracle

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Role: Senior Data Scientist

Round 1: Telephonic screening round

- Introduce yourself
- What project are you working on in Samsung (Ex – Company)
- What is your role in the team ?
- You're resume says you've worked on Named entity recognition, explain what you've done !!

The telephonic call went for 10 – 12 minutes.

Round 2: Online Coding round

- Find maximum sum of sub array
- Find longest increasing sub sequence of an array.

Round 3: Onsite (logic, puzzles and basic questions)

- One problem based on binary search
- Discussion on space-time complexity of sorting algorithms
- Puzzle from Geeks4Geeks :
<https://www.geeksforgeeks.org/puzzle-7-3-bulbs-and-3-switches/>
- Different ways of imputing missing values
- how to detect and remove outliers
- What is normal distribution and skewed datasets
- What is z-score

Round 4: Onsite (Pure Data science)

- how can u build a recommendation engine like YouTube
- How does stochastic gradient descent work
- Which optimizers can handle sparse gradients and how
- Why does overfitting happens in any ML or DL algorithm
- One question based on GAN (I didn't understood exactly)
- How can u classify images with just 1 image of a class (it was based on similarity learning)
- How will you design a robot vacuum cleaner to clean the best in least time.

[Note: This is only for educational purpose and be taken like a mock interview]