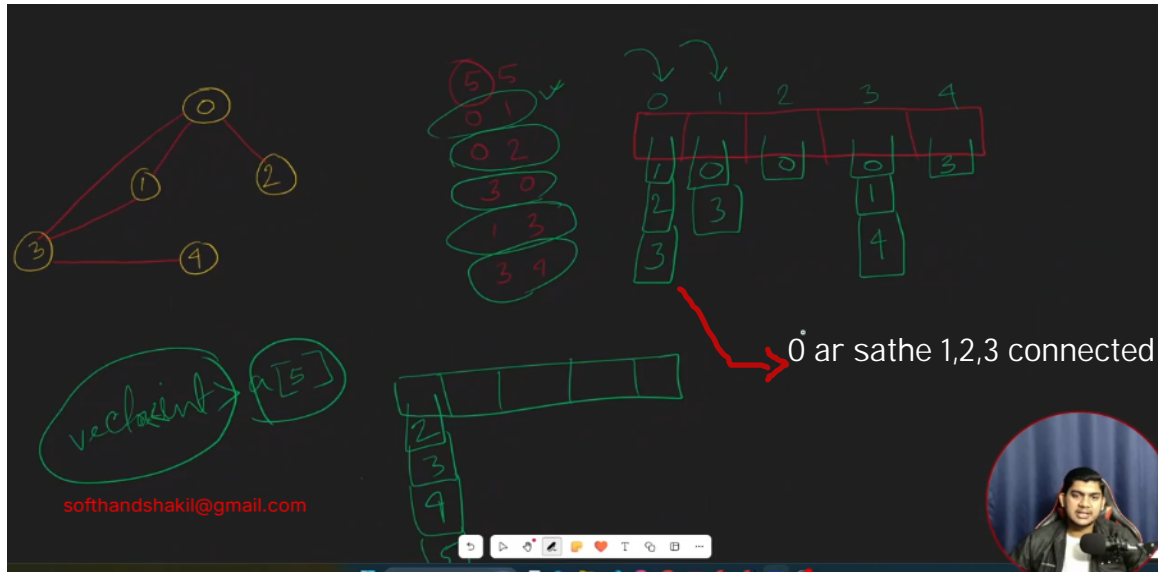


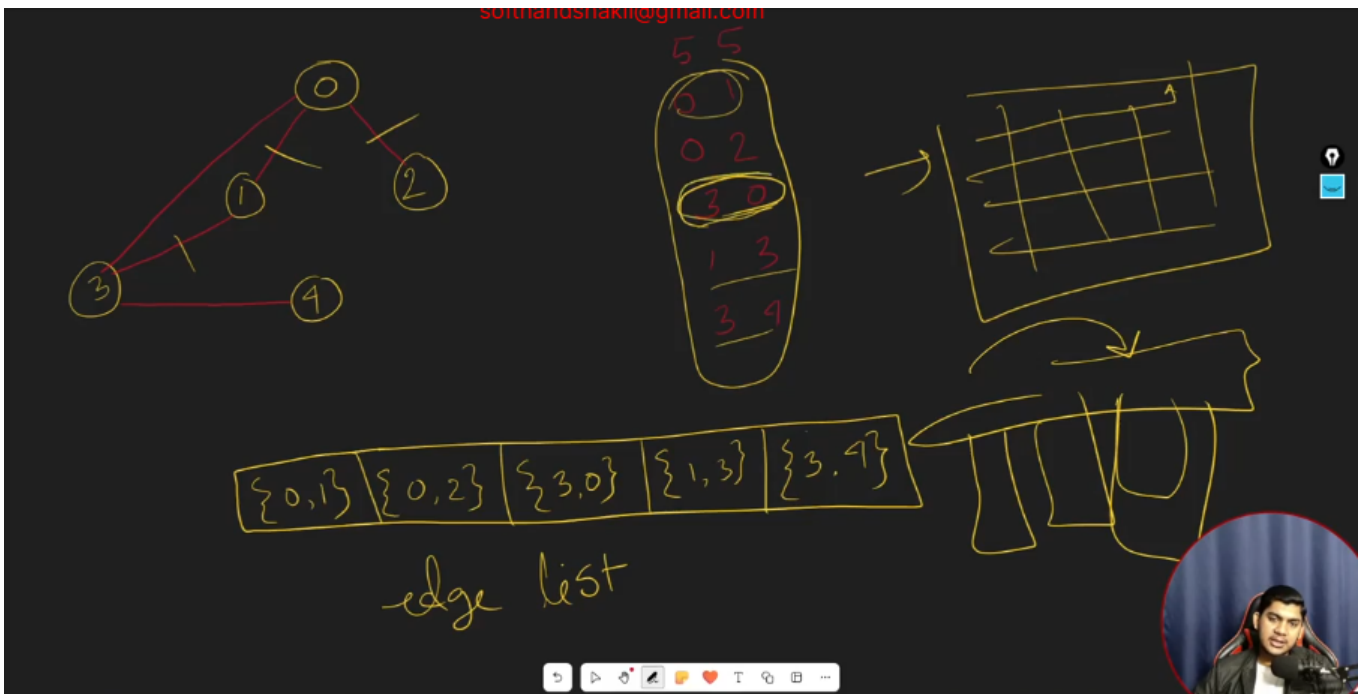
Adjacency List



here, we take a array and we take a vector in every index of the array

```
# vector<int>adj_list[n]; // array of vector where the size of the array is n;  
adj_list is an array and data type is vector
```

Edge List



```
# vector<pair<int, int>>edge_list; // this is edge list, where pair is the data  
type, in pair there are two integer data
```

```
# doita node connected kina - matrix  
# akta node ar sathe k k connected - adj_list  
# koyta edge ache ba ki ki edge ache - edge_list
```

Complexity of BFS is $O(V + E)$

