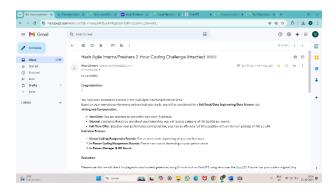
1. Selfie Pic: Add a selfie taken during the test right after your name.

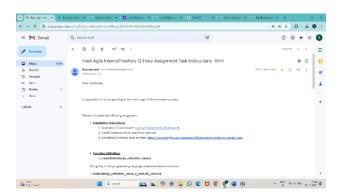
SUHITHA K C



2. First Task Email Screenshot: Insert the screenshot of the first task email.



3. Second Task Email Screenshot: Insert the screenshot of the second task email



- 4. GitHub URL for Round 1: Add the link to your GitHub repository for Round 1. https://github.com/Suhithakc/Hash-agile
- 5. GitHub URL for Assignment: Add the link to your GitHub repository for the assignment code.

6. Function Execution Results: For each step (a-n), provide input, output, and screenshots of the execution.

OUTPUT

```
Creating Collections...

Getting Employee Count...

Employee Count in hash_yourname: 1101

Indexing Data...

C:\Users\krish\AppData\Local\Temp\ipykernel_4140\1341851630.py:2: DeprecationWarning: Passing transport options in the API method is deprecated. Use 'Elasticsearch.options()' instead.

es.indices.create(index=collection_name, ignore=400)

Getting Updated Employee Count...

Updated Employee Count in hash_yourname: 1201

Searching by Department 'IT'...

Search Results for Department 'IT':

{'took': 5, 'timed_out': False, '_shards': {'total': 1, 'successful': 1, 'skipped': 0, 'failed': 0}, 'hits': {'total': {'value': 0, 'relation': 'eq'}, 'max_score': None, 'hits': []}}
```

Searching by Gender 'Male'...

Search Results for Gender 'Male':

('took': 6, 'timed_out': False, 'shards': ('total': 1, 'successful': 1, 'skipped': 0, 'failed': 0), 'hits': ('total': ('value': 603, 'relation': 'eq'), 'max_score': 0.68649703, 'hits': [('index': 'hash_yourname', 'id': 'shipp:IBJabxiCRmppIT0', 'score': 0.68649703, 'source': ('Employee ID': 'F02002', 'Full Name': 'kaite', 'lob Title': 'Controls Engineer', 'Business Unit': 'Nanufacturing', 'Gender': 'Nale', 'Store': 0.68649703, 'source': ('Employee ID': 'E02003', 'Full Name': Robert Patel', 'Job Title': 'Analyst', 'Business Unit': 'Groprorate', 'Gender': 'Nale', 'Ethnicity': 'Asian', 'Age': 58.0, 'Nitro Date': 10/23/2013', 'Hill Name': Robert Patel', 'Job Title': 'Analyst', 'Business Unit': 'Groprorate', 'Gender': 'Nale', 'Ethnicity': 'Asian', 'Age': 58.0, 'Nitro Date': 10/23/2013', 'Shard, 'Anale': 'Cameron Lo', 'Job Title': Network Administrator', 'Business Unit': 'Research & Development', 'Gender': 'Nale', 'Ethnicity': 'Asian', 'Age': 58.0, 'Nitro Date': 'Job Title': None), 'Gender': 'Nale', 'Gender': 'N

Getting Department Facets for Name Collection...

Department Facets for Name Collection:

('took': 3, 'timed_out': False, '_shards': {'total': 1, 'successful': 1, 'skipped': 0, 'failed': 0}, 'hits': {'total': {'value': 1201, 'relation': 'eq'}, 'max_score': None, 'hits': []}, 'aggregations': {'departments': {'doc_count_error_upper_bound': 0, 'sum_other_doc_count': 0, 'buckets': []}}}
Getting Department Facets for Phone Collection...

Department Facets for Phone Collection:

{'took': 98, 'timed_out': False, '_shards': {'total': 1, 'successful': 1, 'skipped': 0, 'failed': 0}, 'hits': {'total': {'value': 412, 'relation': 'eq'}, 'max_score': None, 'hits': []}, 'aggregations': {'departments': {'doc_count_error_upper_bound': 0, 'sum_other_doc_count': 0, 'buckets': [{'key': 'IT', 'doc_count': 156}, {'key': 'Accounting', 'doc_count': 52}, {'key': 'Engineering', 'doc_count': 52}, {'key': 'Finance', 'doc_count': 48}, {'key': 'Human Resources', 'doc_count': 48}, {'key': 'Sales', 'doc_count': 36}, {'key': 'Marketing', 'doc_count': 20}]}}}

Searching Phone Collection by Department 'IT'...

Search Results in Phone Collection for Department 'IT':

{'took: 388, 'timed_out': False, 'shards': ('total: 1, 'successful': 1, 'skipped': 0, 'failed': 0), 'hits': ('total': {'value': 156, 'relation': 'ed'},
'max_score': 1.0136626, 'hits': {{' index': 'hash yourphonelastFourdigits', 'id': 'MITr71BJahXiCNar-hc', 'score': 1.0136626, 'source': {'Employee ID':
'E02007', 'Full Name': 'Ezra Vu', 'Job Title': 'Network Administrator', 'Department': 'IT', 'Business Unit': 'Manufacturing', 'Ethnicity': 'Asian', 'Age': 62.0,
'Mire Date': 'A/22/2004', 'Annual Salary': '\$66,227', 'Bonus X': '0X', 'Country': 'United States', 'City': 'Phoenix', 'Extl Date': '2/14/2014'}}, {' index': 'hash yourphonelastFourdigits', 'id': 'M91r71BJahXiCNamogoz', 'score': 1.0136626, 'source': {'Employee ID': 'E02023', 'Full Name': 'Illian Lewis', 'Job
Title': 'Technical Architect', 'Department': 'IT', 'Business Unit': 'Research & Development', 'Ethnicity': 'Malack', 'Age': 43.0, 'Hire Date': '8/14/2013',
'Annual Salary': '\$33,323', 'Bonus X': '0X', 'Country': 'United States', 'City': 'Phoenix', 'Extl Date': '3/31/2019'}}, {' index': 'hash yourphonelastFourdigits', 'id': 'Pd1r71BJahXiCNamoMy', 'score': 1.0136626, 'source': {'Employee ID': 'E02127', 'Full Name': 'Zoey Leung', 'Job Title': 'Network Administrator', 'Department': 'IT', 'Business Unit': 'Research & Development', 'Ethnicity': 'Asian', 'Age': 40.0, 'Hire Date': '9/27/2007', 'Annual Salary': '\$77,637', 'Bonus X': '0X', 'Country': 'China', 'City': 'China', 'City': 'Resparth & Development', 'Ethnicity': 'Asian', 'Age': 52.0, 'Hire Date': '2/4/2017'}}, ('Ill Name': 'M91r91BJahXiCNamoJi', 'Separtment': 'IT', 'Business Unit': 'Research & Development', 'Ethnicity': 'Asian', 'Age': 52.0, 'Hire Date': '3/12/2013', 'Annual Salary': '\$9107/2017', 'Garca': 1.0136626, 'source': 'Employee ID': 'E02236', 'Full Name': 'Job Title': 'Cloud Infrastructure Architect', 'Department': 'IT', 'Business Unit': 'Research &
Development', 'Ethnicity': 'Latino', 'Age': 30.0, 'Hire Date': '1/9/2017', 'Annual Salary': '\$90,830', 'Bonus X': '0X', 'Country': 'United States',