

STUDENT ELIGIBILITY ANALYSIS



INTRODUCTION:

The Student Eligibility Analysis Report aims to provide a comprehensive evaluation of students' eligibility for various companies based on their CGPA. This analysis focuses exclusively on students from the 2022 to 2026 batch, helping college management filter students according to company eligibility criteria.

Companies are categorized into three tiers based on their salary offerings:

Tier

1: Above 15 LPA Tier

2: Above 5 LPA Tier

3: Between 3 LPA and 5 LPA

The primary objective of this analysis is to compare students' CGPA with the eligibility criteria of these tiers, providing insights into:

The number of students eligible for each tier.

The distribution of high and low CGPA students.

A visual representation of the findings through a Power BI dashboard for efficient decision making.

Database : NRCM

This database stores student and company details to analyze placement eligibility based on CGPA criteria.

TABLES IN THE DATABASE:

STUDENTS:

```
SELECT TOP 10 SERIAL_NUMBER, ROLLNO, STU_NAME, BRANCH, CGPA, BATCH  
FROM STUDENT;
```

	SERIAL_NUMBER	ROLLNO	STU_NAME	BRANCH	CGPA	BATCH
1	1	101	DAS	MECHANICAL	7.23	2022-2026
2	2	102	UDAY KIRAN	MECHANICAL	7.92	2022-2026
3	3	103	HUMEER	MECHANICAL	7.01	2022-2026
4	4	104	KIRAN	MECHANICAL	8.29	2022-2026
5	5	105	YOKESH	MECHANICAL	6.27	2022-2026
6	6	106	POOJA	MECHANICAL	8.53	2022-2026
7	7	107	JOEL	MECHANICAL	6.93	2022-2026
8	8	108	NIVAS	MECHANICAL	5.24	2022-2026
9	9	109	KARUN	MECHANICAL	7.83	2022-2026
10	10	110	GANESH	MECHANICAL	7.72	2022-2026

SUB COLUMNS:

BRACHES:

```
= SELECT DISTINCT BRANCH  
FROM STUDENT
```

	BRANCH
1	AIML
2	CIVIL
3	COMPUTER SCIENCE
4	ELECTRONICS AND COMMUNICATION
5	ELECTRONICS AND ELECTRICAL
6	MECHANICAL

COMPANIES TABLE:

```
SELECT * FROM COMPANIES
```

SERIAL_NUMBER	COMPANY_NAME	TIER
1	CATALOG	1
2	SPORTS KEEDA	1
3	INVOICE CLOUD	2
4	DELOITE	2
5	TCS CODEVITA	2
6	SURYA TECH	2
7	ZEPTO	3
8	ZENTREE	3
9	TECHOUTS	3
10	FRONTIER ENERGIES	3
11	MARUTHI SUZUKI INDIA	3
12	THERMOCABLE	3
13	BEES	3
14	INFOSYS	3
15	HYNDAI	3
16	SUTHERLAND	3

TIER CLASSIFICATION CRITERIA:

Tier 1: Companies offering above 15 LPA

Tier 2: Companies offering above 5 LPA but less than 15 LPA

Tier 3: Companies offering between 3 LPA and 5 LPA

COMBINING A TABLE:

```
SELECT TOP 19
    ROW_NUMBER() OVER ( ORDER BY S.ROLLNO) AS SERIAL_NUMBER,
    S.ROLLNO,
    S.STU_NAME,
    S.BRANCH,
    S.CGPA,
    COALESCE(STRING_AGG(C.COMPANY_NAME, ', '), 'Not Eligible') AS ELIGIBLE_COMPANIES
FROM STUDENT S
LEFT JOIN COMPANIES C
    ON (
        (S.CGPA >= 9 AND C.TIER = 1)
        OR (S.CGPA >= 8 AND S.CGPA < 9 AND C.TIER = 2)
        OR (S.CGPA >= 6.5 AND S.CGPA < 8 AND C.TIER = 3)
    )
GROUP BY S.SERIAL_NUMBER, S.ROLLNO, S.STU_NAME, S.BRANCH, S.CGPA
ORDER BY S.ROLLNO;
```

ELIGIBILITY CONDITIONS FOR COMBINING TABLES:

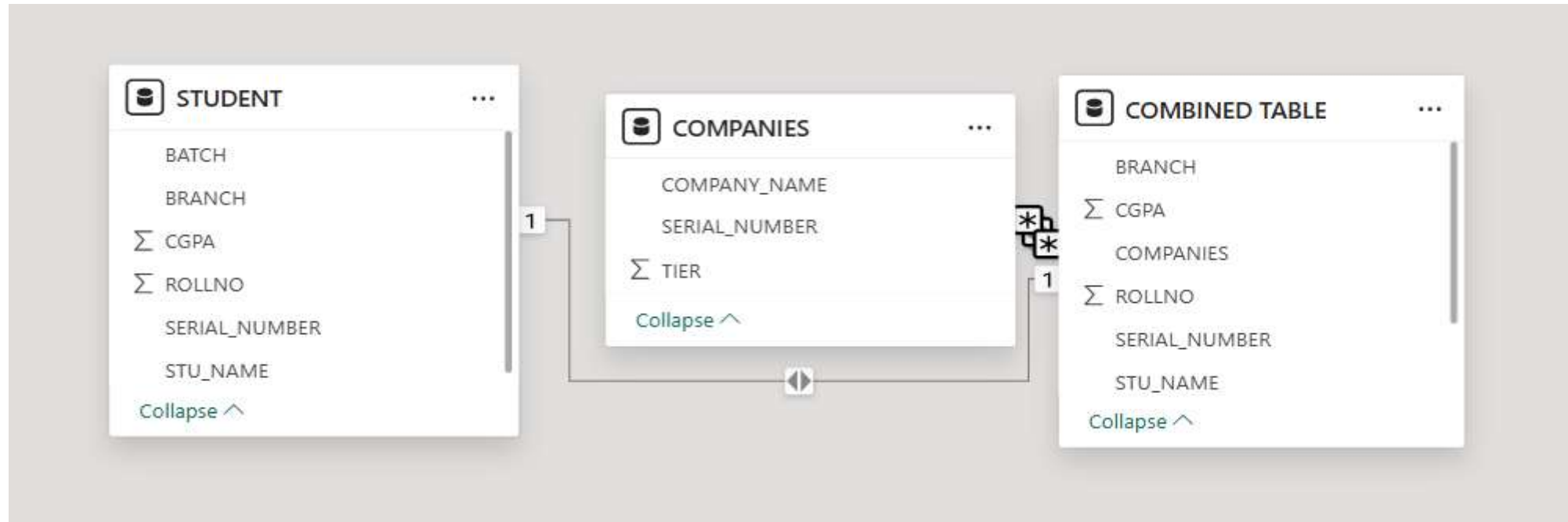
- 1) TIER 1 COMPANIES:
 - *Only students with CGPA ≥ 9 are eligible
- 2) TIER 2 COMPANIES:
 - *Students with CGPA between 8 to 9 are eligible
- 3) TIER 3 COMPANIES:
 - *Students with CGPA between 6.5 to 8 are eligible
- 4) NOT ELIGIBLE:
 - *Students with CGPA below 6.5 are not eligible

STUDENT_ELIGIBILITY TABLE:

SERIAL_NUMBER	ROLLNO	STU_NAME	BRANCH	CGPA	ELIGIBLE_COMPANIES
1	101	DAS	MECHANICAL	7.23	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
2	102	UDAY KIRAN	MECHANICAL	7.92	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
3	103	HUMEER	MECHANICAL	7.01	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
4	104	KIRAN	MECHANICAL	8.29	INVOICE CLOUD, DELOITE, TCS CODEVITA, SURYA TECH
5	105	YOKESH	MECHANICAL	6.27	Not Eligible
6	106	POOJA	MECHANICAL	8.53	INVOICE CLOUD, DELOITE, TCS CODEVITA, SURYA TECH
7	107	JOEL	MECHANICAL	6.93	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
8	108	NIVAS	MECHANICAL	5.24	Not Eligible
9	109	KARUN	MECHANICAL	7.83	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
10	110	GANESH	MECHANICAL	7.72	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
11	111	MANASA	MECHANICAL	7.91	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
12	112	RAMESH	MECHANICAL	7.53	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
13	113	MANASWI	MECHANICAL	8.73	INVOICE CLOUD, DELOITE, TCS CODEVITA, SURYA TECH
14	114	KUMAR	MECHANICAL	7.03	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
15	115	SURAJ	MECHANICAL	7.30	ZEPTO, ZENTREE, TECHOUTS, FRONTIER ENERGIES, MAR...
16	201	ADITYA	CIVIL	8.23	INVOICE CLOUD, DELOITE, TCS CODEVITA, SURYA TECH
17	202	VIJAY	CIVIL	8.53	INVOICE CLOUD, DELOITE, TCS CODEVITA, SURYA TECH
18	203	ACHYUTH	CIVIL	9.23	CATALOG, SPORTS KEEDA
19	204	MANISHA	CIVIL	8.03	INVOICE CLOUD, DELOITE, TCS CODEVITA, SURYA TECH

VISUALIZATION USING POWER BI:

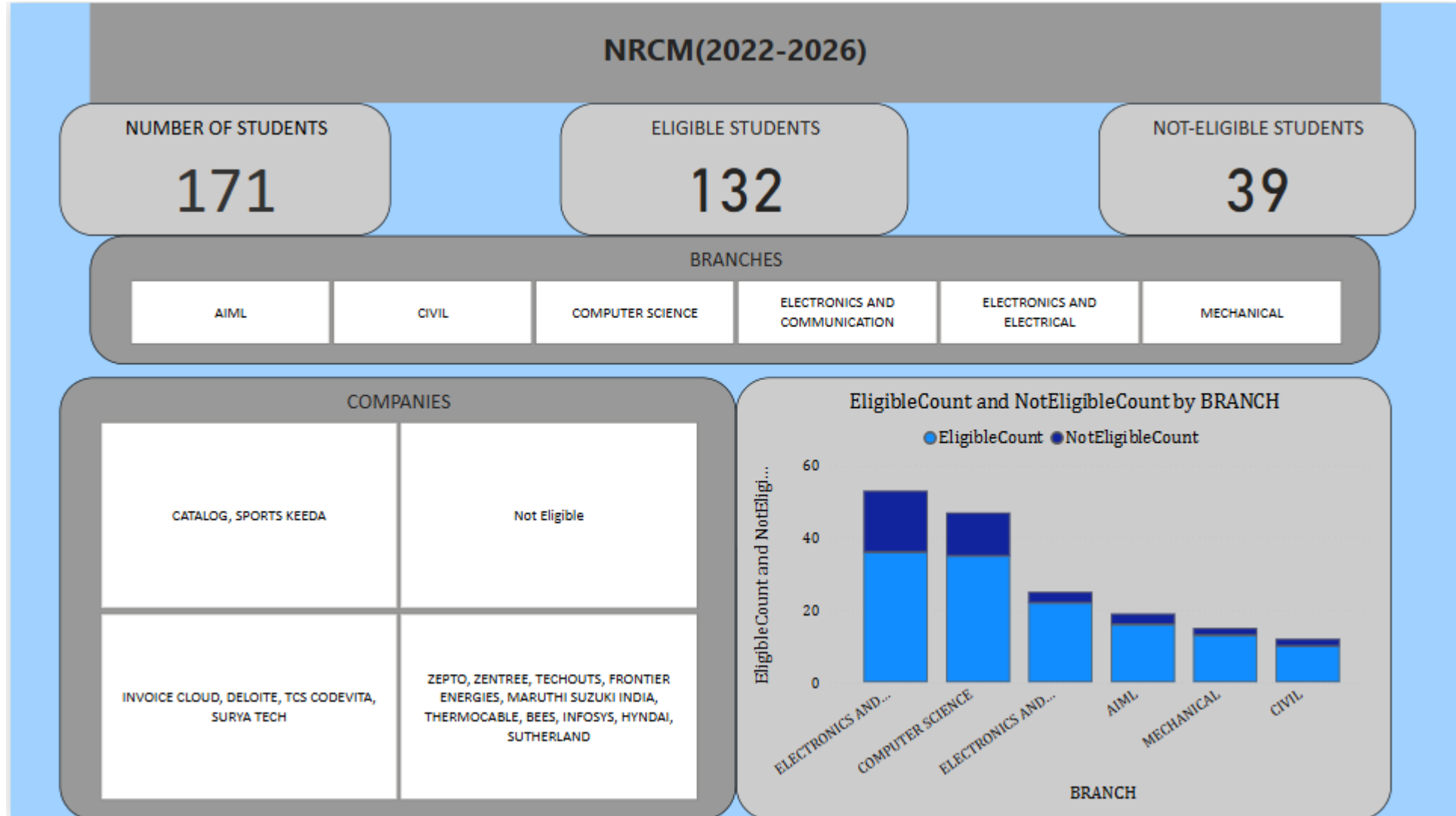
MODEL VIEW:



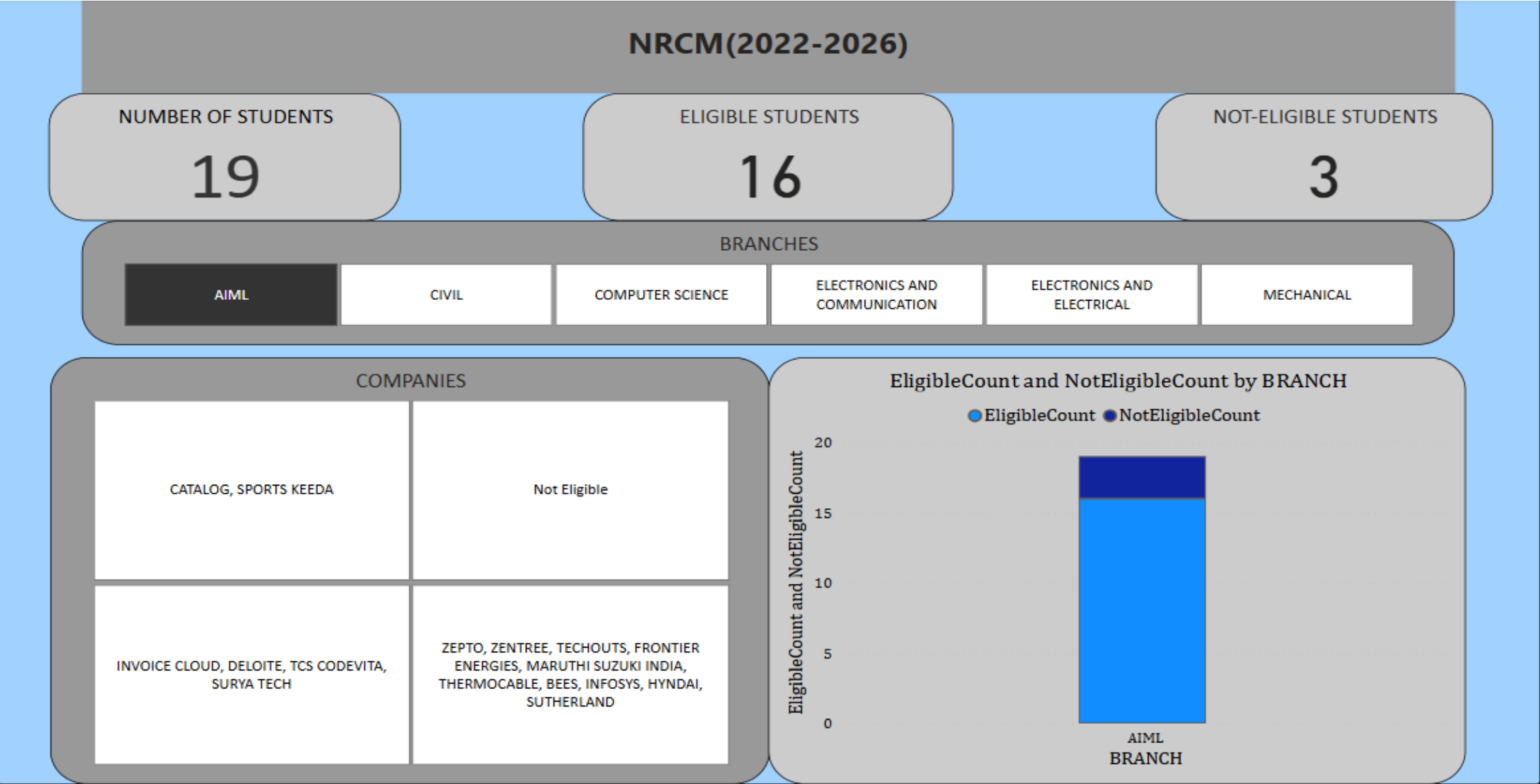
STUDENT AND COMBINED TABLE RELATION TYPE: ONE TO ONE(1:1)

COMPANIES AND COMBINED TABLE RELATION TYPE:MANY TO MANY(*:*)

DASHBOARD:



AIML BRANCH:



CIVIL BRANCH:

NRCM(2022-2026)

NUMBER OF STUDENTS

12

ELIGIBLE STUDENTS

10

NOT-ELIGIBLE STUDENTS

2



BRANCHES

AIML

CIVIL

COMPUTER SCIENCE

ELECTRONICS AND
COMMUNICATION

ELECTRONICS AND
ELECTRICAL

MECHANICAL

COMPANIES

CATALOG, SPORTS KEEDA

Not Eligible

INVOICE CLOUD, DELOITE, TCS CODEVITA,
SURYA TECH

ZEPTO, ZENTREE, TECHOUTS, FRONTIER
ENERGIES, MARUTHI SUZUKI INDIA,
THERMOCABLE, BEES, INFOSYS, HYNDAI,
SUTHERLAND

EligibleCount and NotEligibleCount by BRANCH

● EligibleCount ● NotEligibleCount

EligibleCount and NotEligibleCount

10

5

0



CIVIL
BRANCH

COMPUTER SCIENCE BRANCH:

NRCM(2022-2026)

NUMBER OF STUDENTS

47

ELIGIBLE STUDENTS

35

NOT-ELIGIBLE STUDENTS

12

BRANCHES

AIML

CIVIL

COMPUTER SCIENCE

ELECTRONICS AND
COMMUNICATION

ELECTRONICS AND
ELECTRICAL

MECHANICAL

COMPANIES

CATALOG, SPORTS KEEDA

Not Eligible

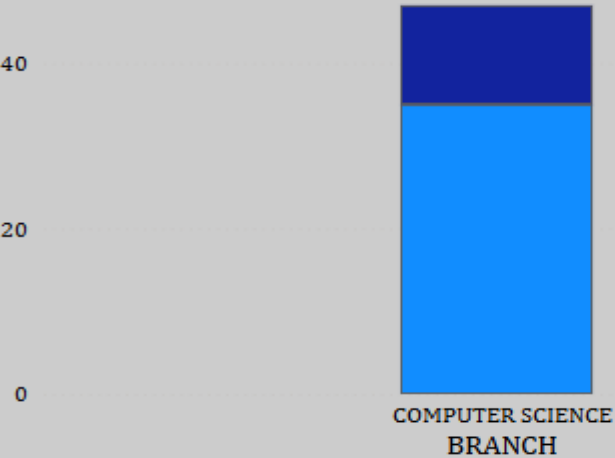
INVOICE CLOUD, DELOITE, TCS CODEVITA,
SURYA TECH

ZEPTO, ZENTREE, TECHOUTS, FRONTIER
ENERGIES, MARUTHI SUZUKI INDIA,
THERMOCABLE, BEES, INFOSYS, HYNDAI,
SUTHERLAND

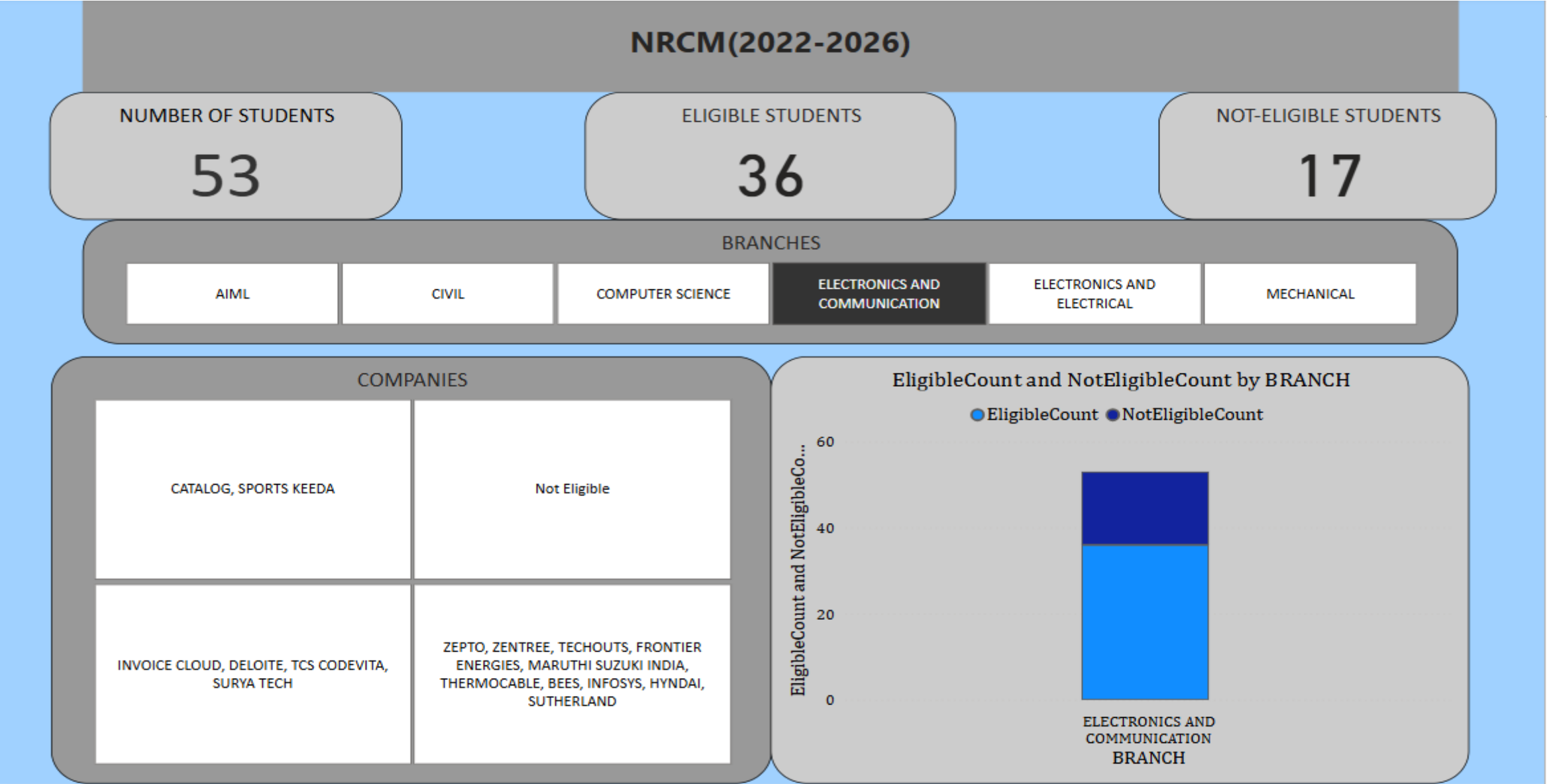
EligibleCount and NotEligibleCount by BRANCH

● EligibleCount ● NotEligibleCount

EligibleCount and NotEligibleCount



ELECTRONIC AND COMMUNICATION BRANCH:



Student Placement Dashboard Report (NRCM 2022-2026)

1. **Overview :** This report provides insights into the student placement statistics for the NRCM 2022-2026 batch. The dashboard includes key metrics such as the total number of students, eligibility status, companies involved in recruitment, and placement trends across different branches.

2. **Key Metrics:**

Total Number of Students: 171

Eligible Students: 132

Not-Eligible Students: 39.

3. **Companies Participating in Recruitment:**

The dashboard lists various companies involved in student placements. Some notable companies include:

Invoice Cloud, Deloitte, TCS CodeVita, Surya Tech , Zepto , Zentree , Tech outs , Infosys, Hyundai, Sutherland, Maruti Suzuki India , Catalog , Sports Keeda.

4. **Placement Analysis by Branch:**

A breakdown of student placement across different branches is provided, including eligibility counts. Based on the bar chart: Electronics and Communication (ECE) has the highest placement rate with the most students placed.

Computer Science (CSE) follows as the second highest branch for placements.

Other branches like AIML, Mechanical, and Civil have lower placement numbers.