



# DATA WAREHOUSING HACKATHON DOUMENTATION

**INGAGE DATA WAREHOUSING-2024** 

## Prepared by:

SS SOLUTION BUIDERS 14-may-2024

#### **Submitted To:**

Ingage Technologies Pvt Ltd Company Chennai



# EVALUATE RANKING POSITION OF COLLEGES UNDER ANNA UNIVERSITY

**Note!** Since we extract the data from power bi itself, for the problem Statements without using snowflake queries to extract data from tables.we just create warehouse, database, schema, tables in snowflake, after that we connected snowflake server with power bi.

### **Problem Statement:**

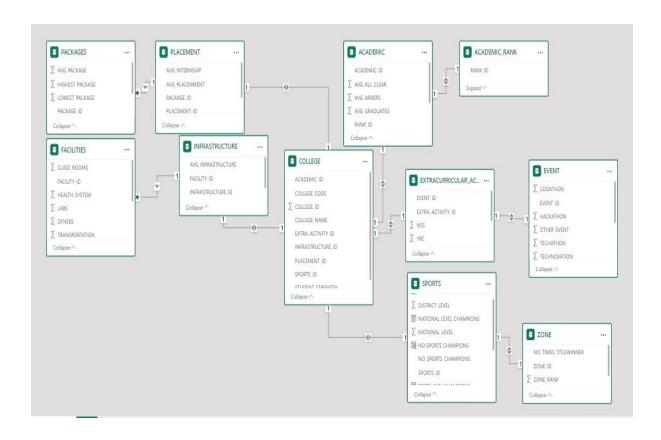
- 1. Find all colleges which has student strength and student passing out under anna university.
- 2. Find top 10 ranking colleges which are good in Academic, sport, placement, infrastructure, extracurricular activity.
- 3. Find performance of specific college in Academic, sport, placement, infrastructure, extracurricular activity.
- 4. Find or compare the sports performance of two specific colleges.
- 5. Find top 10 colleges with the most title winners in sport at their zone level.
- 6. Find Placement record, internship record, packages (salary) record of all the college under anna university.
- 7. Find all colleges gold medal, distinction, first class students under anna university.
- 8. Find specific college gold medal, distinction, first class students under anna university.
- 9. Find all college Students who not cleared examination under anna university.

10. Find all colleges conducting events like techathon, hackathon, technovation, codathon, others under anna university.

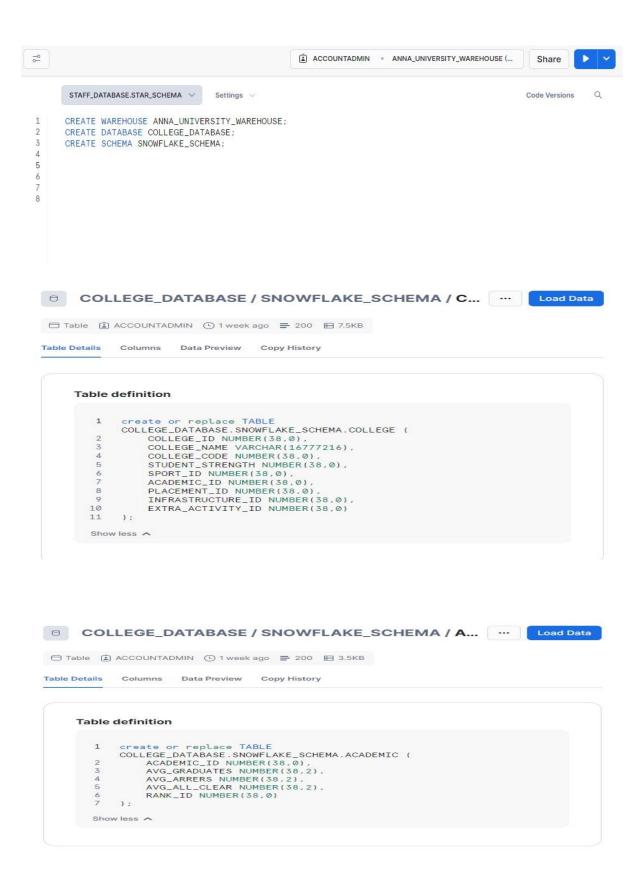
11. Find college has high facilities in transportation, labs, classroom, health system, others.

Table contains:
College
Academic
Academic_rank
Placement
Packages
Sports
Zone
Infrastructure
Facilities
Extracurricular activity

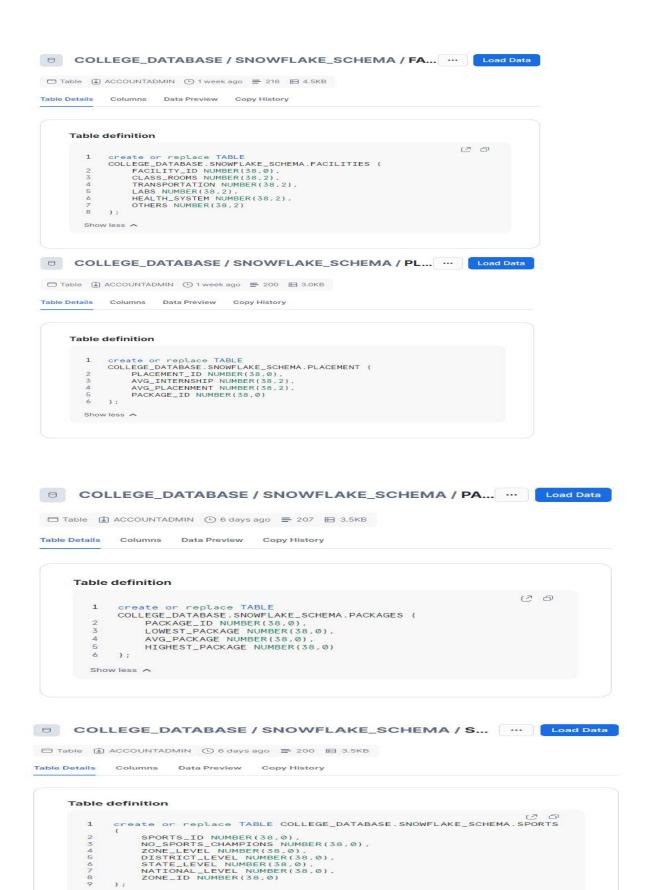
# Snowflake schema table relationship:



# Creation of Wareshouse ,Database,Schema and Table in snowflake:





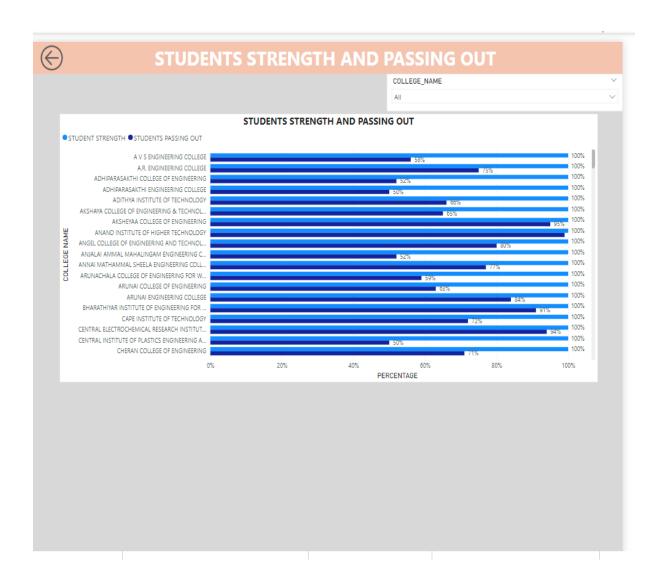


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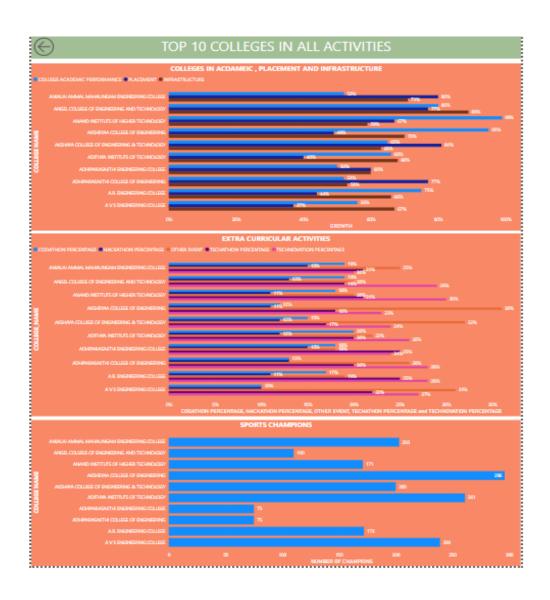


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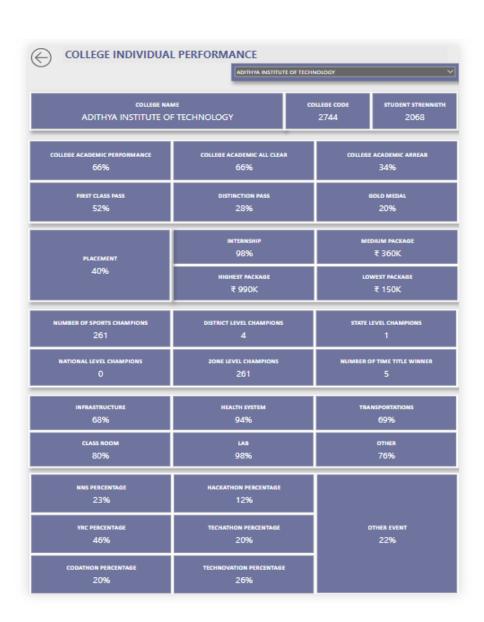
1. Find all colleges which has student strength and student passing out under anna university.



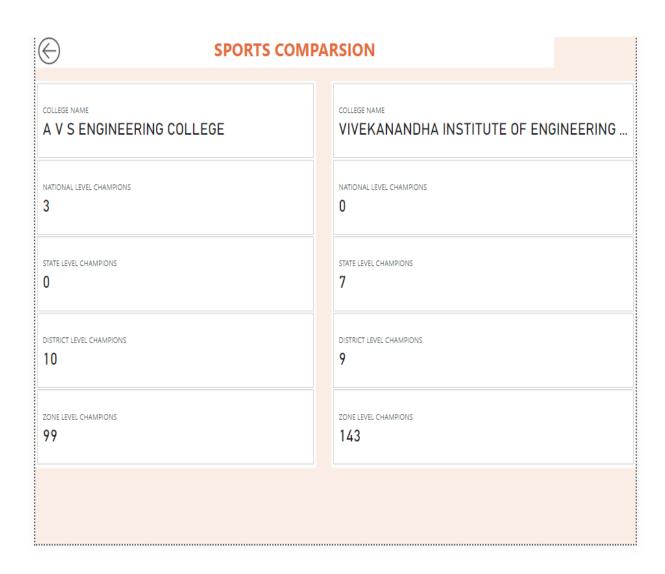
2. Find top 10 ranking colleges which are good in Academic, sport, placement, infrastructure, extracurricular activity.



3. Find performance of specific college in Academic, sport, placement, infrastructure, extracurricular activity.



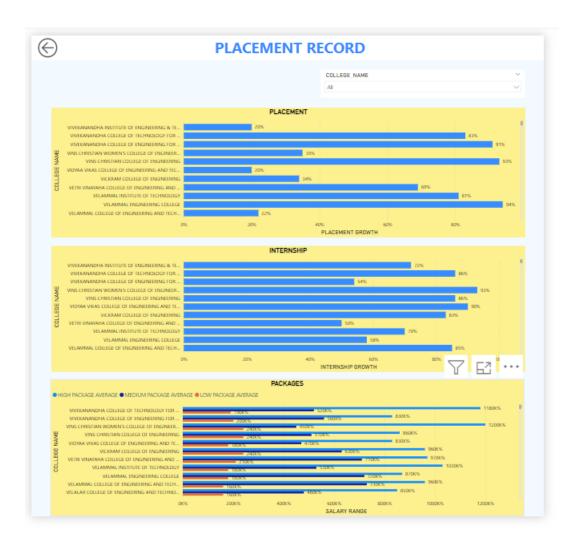
## 4. Find or compare the sports performance of two specific colleges



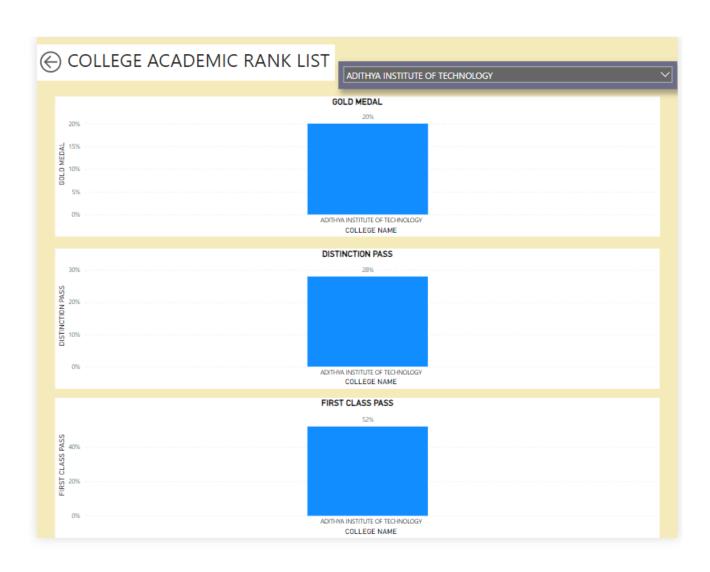
5. Find top 10 colleges with the most title winners in sport at their zone level.



6. Find Placement record, internship record, packages (salary) record of all the college under anna university.



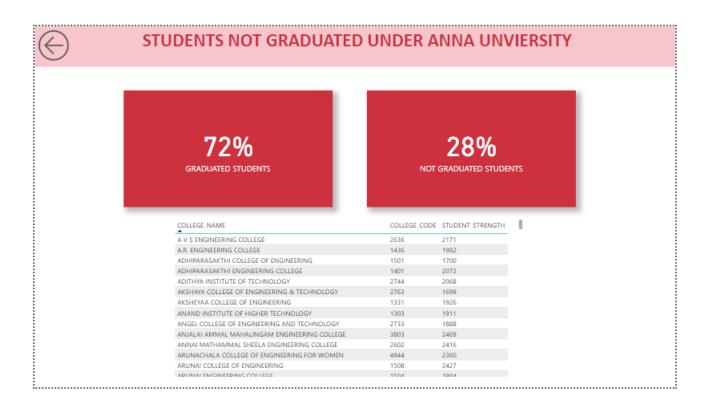
# 7. Find all colleges gold medal, distinction, first class students under anna university



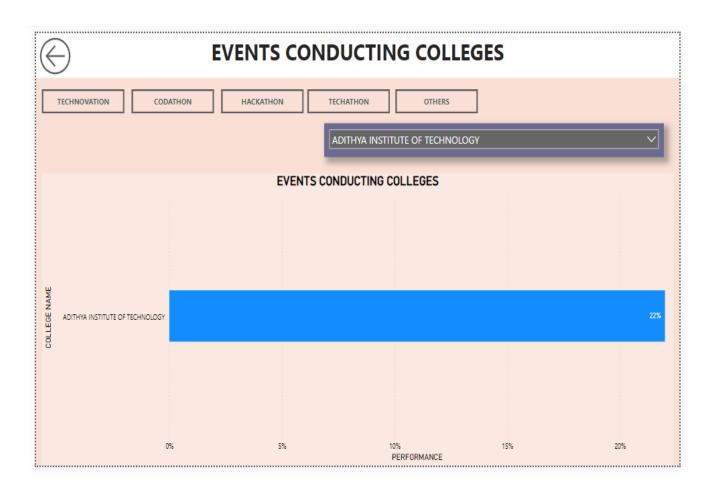
8. Find specific college gold medal, distinction, first class students under anna university.

COLLEGE INDIVIDUAL PERFORMANCE  ADHIPARASAKTHI COLLEGE OF ENGINEERING					
COLLEGE NAME ADHIPARASAKTHI COLLEGE OF ENGINEERING			1501	STUDENT STRENNGTH 1700	
COLLEGE ACADEMIC PERFORMANCE 52%	COLLEGE ACADEMIC ALL CLEAR 52%		COLLEGE ACADEMIC ARREAR 48%		
FIRST CLASS PASS 55%	distinction pass 30%		GOLD MEDAL 15%		
placement 77%	INTERNSHIP 55%		medium package ₹ 490K		
	highest package ₹ 940K		LOWEST PACKAGE ₹ 230K		
NUMBER OF SPORTS CHAMPIONS 75	DISTRICT LEVEL CHAMPIONS 5		STATE LEVEL CHAMPIONS 2		
NATIONAL LEVEL CHAMPIONS 1	zone level champions 75		NUMBER OF TIME TITLE WINNER  4		
infrastructure 53%	HEALTH SYSTEM 88%		transportations 82%		
class room 60%	LAB 90%		OTHER 77%		
nns percentage 44%	HACKATHON PERCENTAGE 13%		OTHER EVENT 26%		
YRC PERCENTAGE 52%	TECHATHON PERCENTAGE 20%				
CODATHON PERCENTAGE 13%	TECHNOVATION PERCENTAGE 28%				

9. Find all college Students who not cleared examination under anna university.



10. Find all colleges conducting events like techathon, hackathon, technovation, codathon, others under anna university.



11. Find college has high facilities in transportation, labs, classroom, health system, others.

