DATA ANALYTICS ON HUMAN RESOURCE DATASET
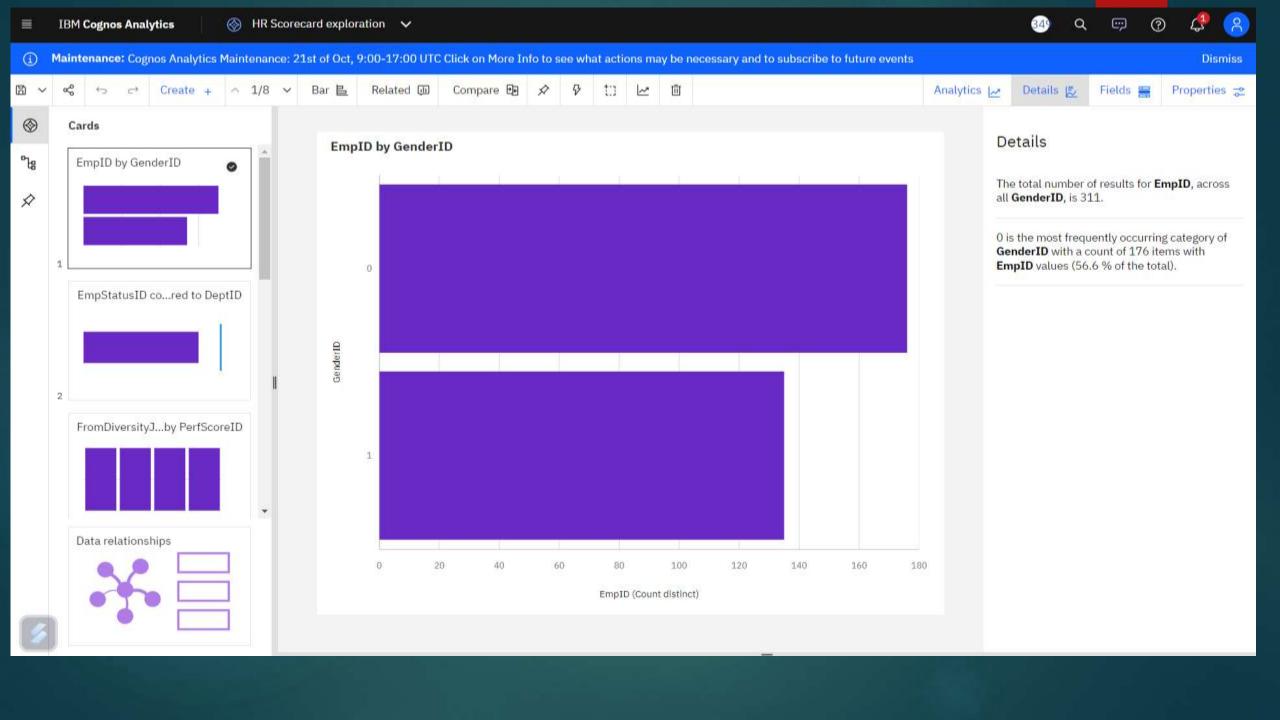
BY

R.GODWIN SANTHOSH
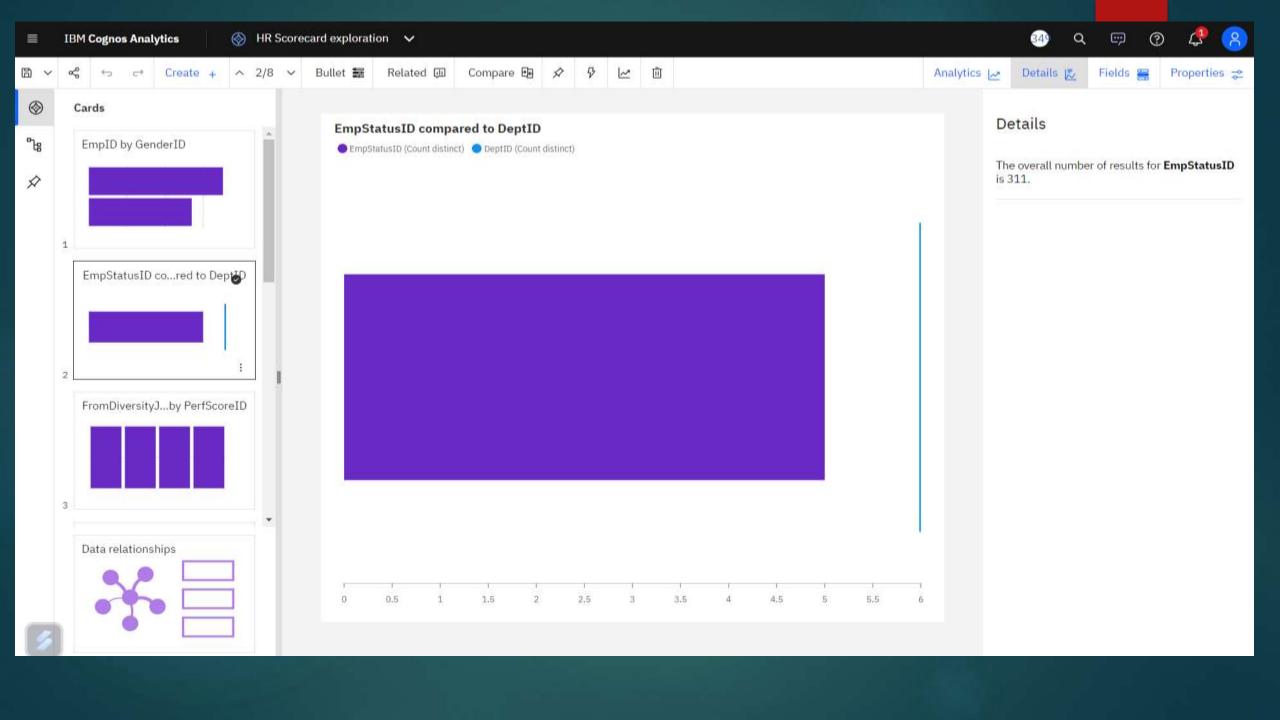
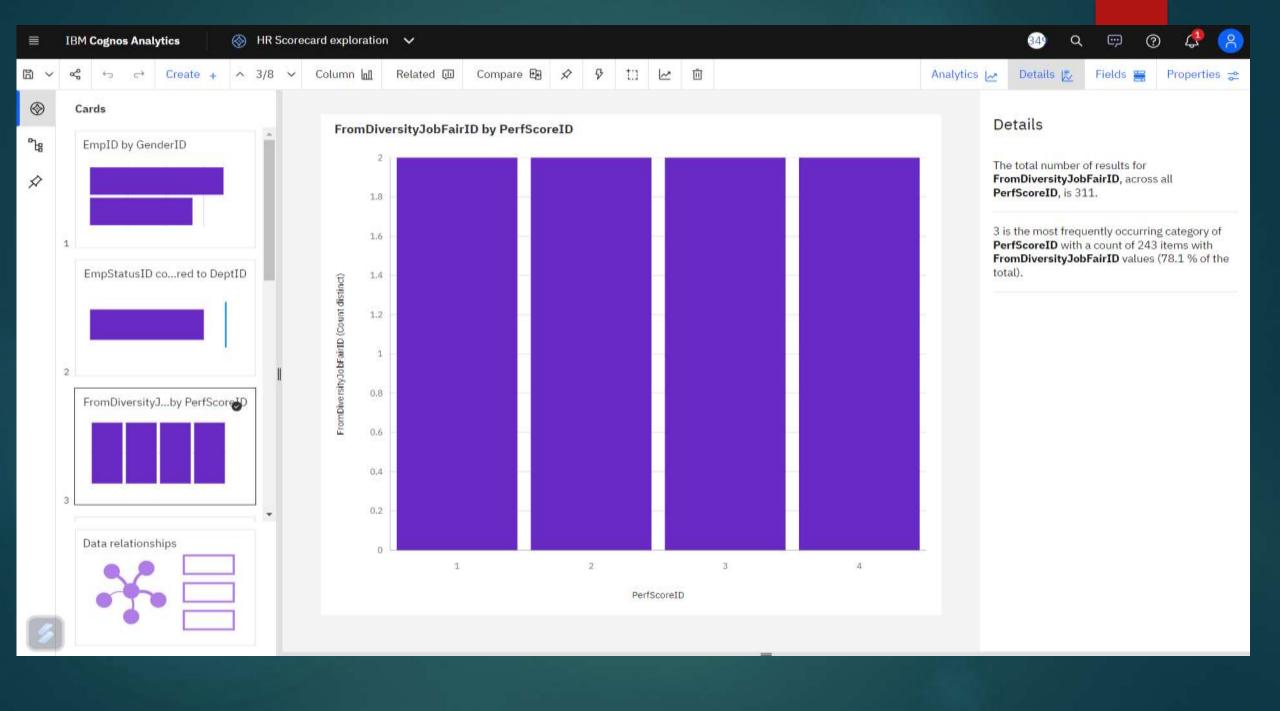# DATA

Data module + ⊘

Q Search

▸ # Row Id
▸ abc Employee_Name
▸ # EmpID
▸ # MarriedID
▸ # MaritalStatusID
▸ # GenderID
▸ # EmpStatusID
▸ # DeptID
▸ # PerfScoreID
▸ # FromDive...obFairID
▸ ┗ Salary
▸ ┗ Termd
▸ # PositionID
▸ abc Position
▸ ◉ State
▸ ◉ Zip
▸ ◷ DOB
▸ abc Sex
▸ abc MaritalDesc
▸ abc CitizenDesc
▸ abc HispanicLatino

⊞ Grid   ⋟ Relationships   ⊞ Custom tables

Row Id	Employee_Name	EmpID	MarriedID	MaritalStatusID	GenderID	EmpStatusID
1	Adinolfi, Wilson K	10026	0	0	1	1
2	Ait Sidi, Karthikeyan	10084	1	1	1	5
3	Akinkuolie, Sarah	10196	1	1	0	5
4	Alagbe,Trina	10088	1	1	0	1
5	Anderson, Carol	10069	0	2	0	5
6	Anderson, Linda	10002	0	0	0	1
7	Andreola, Colby	10194	0	0	0	1
8	Athwal, Sam	10062	0	4	1	1
9	Bachiochi, Linda	10114	0	0	0	3
10	Bacong, Alejandro	10250	0	2	1	1
11	Baczenski, Rachael	10252	1	1	0	5
12	Barbara, Thomas	10242	1	1	1	5
13	Barbossa, Hector	10012	0	2	1	1
14	Barone, Francesco A	10265	0	0	1	1
15	Barton, Nader	10066	0	2	1	5
16	Bates, Norman	10061	0	0	1	4
17	Beak, Kimberly	10023	1	1	0	2
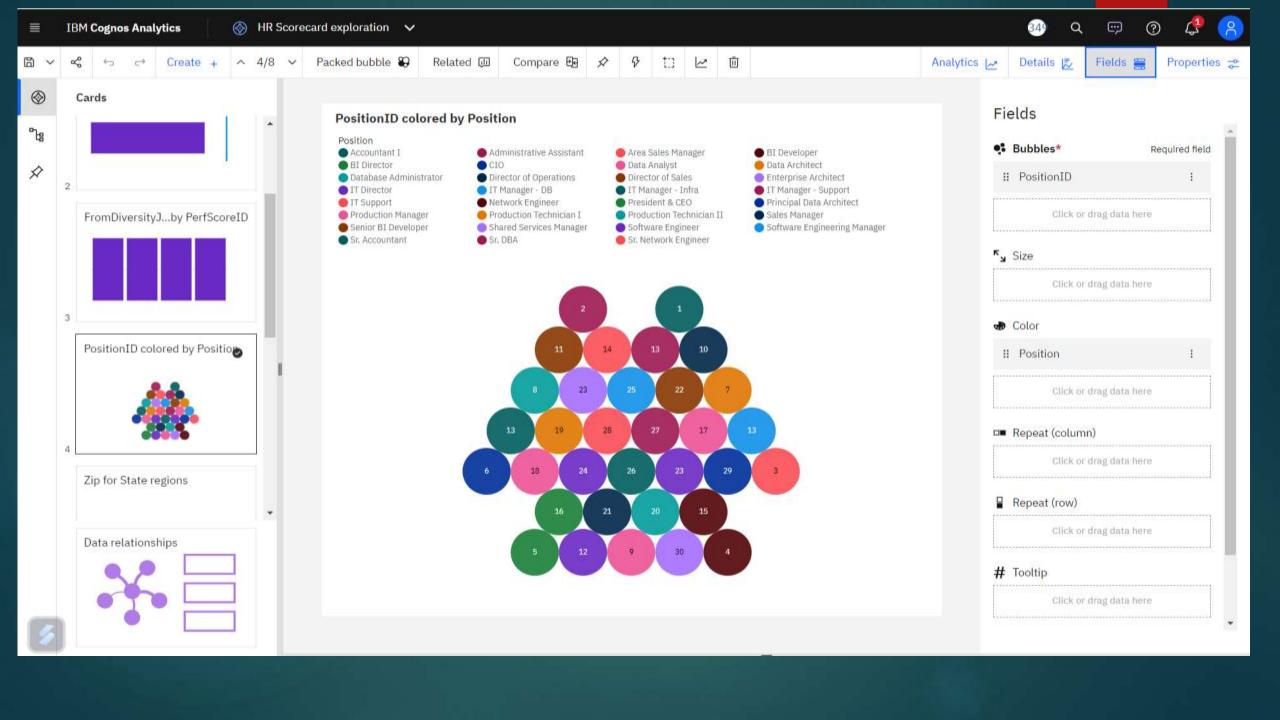
Data module

Grid   Relationships   Custom tables

Search

- ▼ HRDataset_v14.csv
  - ▸ abc Employee_Name
  - ▸ # EmpID
  - ▸ # MarriedID
  - ▸ # MaritalStatusID
  - ▸ # GenderID
  - ▸ # EmpStatusID
  - ▸ # DeptID
  - ▸ # PerfScoreID
  - ▸ # FromDive...obFairID
  - ▸ Salary
  - ▸ Termd
  - ▸ # PositionID
  - ▸ abc Position
  - ▸ State
  - ▸ Zip
  - ▸ DOB
  - ▸ abc Sex
  - ▸ abc MaritalDesc
  - ▸ abc CitizenDesc
  - ▸ abc HispanicLatino

Employee_Name	EmpID	MarriedID	MaritalStatusID	GenderID	EmpStatusID	DeptID
Adinolfi, Wilson K	10026	0	0	1	1	5
Ait Sidi, Karthikeyan	10084	1	1	1	5	3
Akinkuolie, Sarah	10196	1	1	0	5	5
Alagbe,Trina	10088	1	1	0	1	5
Anderson, Carol	10069	0	2	0	5	5
Anderson, Linda	10002	0	0	0	1	5
Andreola, Colby	10194	0	0	0	1	4
Athwal, Sam	10062	0	4	1	1	5
Bachiochi, Linda	10114	0	0	0	3	5
Bacong, Alejandro	10250	0	2	1	1	3
Baczenski, Rachael	10252	1	1	0	5	5
Barbara, Thomas	10242	1	1	1	5	5
Barbossa, Hector	10012	0	2	1	1	3
Barone, Francesco A	10265	0	0	1	1	5
Barton, Nader	10066	0	2	1	5	5
Bates, Norman	10061	0	0	1	4	5
Beak, Kimberly	10023	1	1	0	2	5

EXPLORATIONS

💾 ⌄ ⋘ ↶ ↷ Create + ⌃ 1/8 ⌄ Bar 🗏 Related ▥ Compare ⊞ 📌 ⚡ ⌞⌝ ⬚ 🗑   Analytics ⌁ Details ⧖ Fields ⊟ Properties ⚒

Cards

EmpID by GenderID ✔

EmpStatusID co...red to DeptID

FromDiversityJ...by PerfScoreID

Data relationships

EmpID by GenderID

Axis labels: GenderID (y-axis), EmpID (Count distinct) (x-axis), values 0, 20, 40, 60, 80, 100, 120, 140, 160, 180

Details

The total number of results for **EmpID**, across all **GenderID**, is 311.

0 is the most frequently occurring category of **GenderID** with a count of 176 items with **EmpID** values (56.6 % of the total).

Cards

EmpID by GenderID

1

EmpStatusID co...red to DeptID

2

FromDiversityJ...by PerfScoreID

3

Data relationships

EmpStatusID compared to DeptID

● EmpStatusID (Count distinct) ● DeptID (Count distinct)

0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6

Details

The overall number of results for **EmpStatusID** is 311.

Create +   3/8   Column   Related   Compare   Analytics   Details   Fields   Properties

Cards

EmpID by GenderID

1

EmpStatusID co...red to DeptID

2

FromDiversityJ...by PerfScoreID

3

Data relationships

FromDiversityJobFairID by PerfScoreID

Details

The total number of results for **FromDiversityJobFairID**, across all **PerfScoreID**, is 311.

3 is the most frequently occurring category of **PerfScoreID** with a count of 243 items with **FromDiversityJobFairID** values (78.1 % of the total).

Create +   ⌃ 4/8 ⌄   Packed bubble 🐝   Related ▥   Compare ▤   Analytics ⟋   Details ⟋   Fields ▦   Properties ⇌

Cards

FromDiversityJ...by PerfScoreID

PositionID colored by Position ✓

Zip for State regions

Data relationships

PositionID colored by Position

Position
- Accountant I
- BI Director
- Database Administrator
- IT Director
- IT Support
- Production Manager
- Senior BI Developer
- Sr. Accountant
- Administrative Assistant
- CIO
- Director of Operations
- IT Manager - DB
- Network Engineer
- Production Technician I
- Shared Services Manager
- Sr. DBA
- Area Sales Manager
- Data Analyst
- Director of Sales
- IT Manager - Infra
- President & CEO
- Production Technician II
- Software Engineer
- Sr. Network Engineer
- BI Developer
- Data Architect
- Enterprise Architect
- IT Manager - Support
- Principal Data Architect
- Sales Manager
- Software Engineering Manager

Fields

🔘 **Bubbles***   Required field

⠿ PositionID ⋮

Click or drag data here

↘ Size

Click or drag data here

🎨 Color

⠿ Position ⋮

Click or drag data here

▭ Repeat (column)

Click or drag data here

▯ Repeat (row)

Click or drag data here

\# Tooltip

Click or drag data here

Create +   ⌃ 5/8 ⌄   Map 🌐   Related 🔲   Compare 🔳   📌   ⚡   ⌗   📈   🗑

Analytics 📈   Details 📉   Fields ⊟   Properties ⚙

Cards

3

PositionID colored by Position

4

Zip for State regions ✓

5

Sex by MaritalDesc

Data relationships

Zip for State regions ⚠

Zip

● 1960	● 2148	● 1886	● 2110	● 2199	● 1902	● 2062	● 2145	● 2468	● 2763	● 1880	● 2458
● 2176	● 2061	● 2180	● 98052	● 2351	● 2133	● 6040	● 2121	● 2135	● 2021	● 3062	● 2445
● 1742	● 2081	● 19444	● 2090	● 2346	● 2056	● 2136	● 2478	● 2474	● 83706	● 1420	● 2191
● 1851	● 97756	● 58782	● 2169	● 1844	● 2747	● 2027	● 6033	● 1901	● 1701	● 21851	● 5664
● 2134	● 2189	● 6278	● 2119	● 1749	● 2155	● 2143	● 1460	● 43050	● 2128	● 2472	● 1864
● 2493	● 2908	● 1887	● 1721	● 10171	● 2048	● 1776	● 1938	● 1760	● 1040	● 2154	● 2130
● 2718	● 1876	● 2302	● 78230	● 2050	● 1915	● 2026	● 2031	● 2210	● 1890	● 2132	● 2170
● 1845	● 78207	● 2044	● 1803	● 2030	● 5473	● 2343	● 2125	● 90007	● 2129	● 2324	● 2330
● 46204	● 2127	● 37129	● ...								

Details

The total number of results for **Zip**, across all **states**, is 311.

Create +   ^ 6/8 ∨   Stacked bar   Related   Compare   Analytics   Details   Fields   Properties

Cards

Zip for State regions

Sex by MaritalDesc ✓

CitizenDesc by MaritalDesc

Data relationships

Sex by MaritalDesc

Details

The total number of results for **Sex**, across all **MaritalDesc**, is 311.

Single (44.1 %) and Married (39.9 %) are the most frequently occurring categories of **MaritalDesc** with a combined count of 261 items with **Sex** values (83.9 % of the total).

Cards

Sex by MaritalDesc

CitizenDesc by MaritalDesc ✓

RaceDesc and DateofHire

Data relationships

CitizenDesc by MaritalDesc

MaritalDesc
● Widowed   ● Separated   ● Divorced   ● Married   ● Single

Details

The total number of results for **CitizenDesc**, across all **MaritalDesc**, is 311.

Single (44.1 %) and Married (39.9 %) are the most frequently occurring categories of **MaritalDesc** with a combined count of 261 items with **CitizenDesc** values (83.9 % of the total).

DASHBOARD

Edit

Widgets

Standard

Advanced

Shapes

∇ All tabs   Drag and drop data here to filter all tabs.

∇ This tab   Drag and drop data here to filter this tab.

HR Scorecard   HR Scorecard   **HR Scorecard**   +

HR DASHBOARD

EmpStatusID compared to DeptID

- ● EmpStatusID (Count distinct)
- ● DeptID (Count distinct)

0   1   2   3   4   5   6

EmpID by GenderID

GenderID

0

1

0   50   100   150

EmpID (Count distinct)

STORY

REPORT

Edit   HTML   Filters

GenderID
● 1 ● 0

GenderID
● 1 ● 0

21,465,433
Salary

9,534,969

11,930,464

Salary

Termd