**Data Validation**

**DAX Queries**

**Total Jobs:**

Total Jobs = COUNTROWS('employability\_analytics\_cleaned')

**Total\_Companies:**

Total Companies = DISTINCTCOUNT('employability\_analytics\_cleaned'[Company Name])

**Rating:**

EVALUATE

    DISTINCT('employability\_analytics\_cleaned'[Rating])

**Top Job Role:**

Top Job Role =

VAR SummaryTable =

    SUMMARIZE(

        'employability\_analytics\_cleaned',

        'employability\_analytics\_cleaned'[Job Title],

        "RoleCount", COUNT('employability\_analytics\_cleaned'[Job Title])

    )

VAR TopRow =

    TOPN(1, SummaryTable, [RoleCount], DESC)

RETURN

    MAXX(TopRow, 'employability\_analytics\_cleaned'[Job Title])

**Top Industry:**

Top Industry =

VAR SummaryTable =

    SUMMARIZE(

        'employability\_analytics\_cleaned',

        'employability\_analytics\_cleaned'[Industry],

        "Count", COUNT('employability\_analytics\_cleaned'[Job Title])

    )

VAR TopIndustryTable =

    TOPN(1, SummaryTable, [Count], DESC)

RETURN

    MAXX(TopIndustryTable, 'employability\_analytics\_cleaned'[Industry])

**Top Hiring State:**

Top Hiring State =

VAR StateCounts =

    ADDCOLUMNS(

        VALUES('employability\_analytics\_cleaned'[State]),

        "JobCount", CALCULATE(COUNTROWS('employability\_analytics\_cleaned'))

    )

VAR TopState =

    TOPN(1, StateCounts, [JobCount], DESC)

RETURN

    MAXX(TopState, 'employability\_analytics\_cleaned'[State])

**Average Size:**

Average Size = AVERAGE('employability\_analytics\_cleaned'[Size])

**MonthYear:**

MonthYear = FORMAT('employability\_analytics\_cleaned'[Posted Date], "MMM YYYY")

**SalaryRange:**

Salary Range =

SWITCH(

    TRUE(),

    'employability\_analytics\_cleaned'[Salary Estimate] < 40000, "< 40K",

    'employability\_analytics\_cleaned'[Salary Estimate] < 60000, "40K - 60K",

    'employability\_analytics\_cleaned'[Salary Estimate] < 80000, "60K - 80K",

    'employability\_analytics\_cleaned'[Salary Estimate] < 100000, "80K - 100K",

    "100K+"

)