**1. Top 10 LGAs by absolute unmet housing need**

sql

CopyEdit

SELECT TOP 10 LGA, State, UnmetNeed\_Estimate

FROM LGA\_HousingData

WHERE UnmetNeed\_Estimate IS NOT NULL

ORDER BY UnmetNeed\_Estimate DESC;

**Insight**: Identify areas with highest raw demand for social housing.

**2. Top 10 LGAs by highest percentage of unmet need**

sql

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SELECT TOP 10 LGA, State, UnmetNeed\_Percent

FROM LGA\_HousingData

WHERE UnmetNeed\_Percent IS NOT NULL

ORDER BY UnmetNeed\_Percent DESC;

**Insight**: Highlights areas where a high proportion of households are in need, even if total is low.

**3. Average rent stress proportions nationally**

sql

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SELECT

AVG(Q1\_RentStress) AS Avg\_Q1\_RentStress,

AVG(Q2\_RentStress) AS Avg\_Q2\_RentStress

FROM LGA\_HousingData;

**Insight**: Understand national pressure from rent affordability (Q1 = 30% income, Q2 = 50%).

**4. States ranked by average unmet need**

sql

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SELECT State, AVG(UnmetNeed\_Estimate) AS Avg\_UnmetNeed

FROM LGA\_HousingData

GROUP BY State

ORDER BY Avg\_UnmetNeed DESC;

**Insight**: Reveals which states have higher social housing shortages.

**5. LGAs with more than 50% of unmet need due to Q1 rent stress**

sql

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SELECT LGA, Q1\_RentStress

FROM LGA\_HousingData

WHERE Q1\_RentStress > 0.5;

**Insight**: Rent stress is a leading cause of social housing demand.

**6. Correlation candidates: unmet need % vs rent stress**

sql

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SELECT UnmetNeed\_Percent, Q1\_RentStress, Q2\_RentStress

FROM LGA\_HousingData

WHERE UnmetNeed\_Percent IS NOT NULL AND Q1\_RentStress IS NOT NULL;

**Insight**: Can be used to test correlations statistically or via visualization.

**7. Total current and projected need by state**

sql

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SELECT State,

SUM(UnmetNeed\_Estimate) AS Total\_Current\_Need,

SUM(ProjectedNeed\_2041) AS Total\_Projected\_Need

FROM LGA\_HousingData

GROUP BY State;

**Insight**: See how housing needs are expected to grow.

**8. LGAs with the lowest social housing coverage**

sql

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SELECT TOP 10 LGA, SocialHousing\_Percent

FROM LGA\_HousingData

WHERE SocialHousing\_Percent IS NOT NULL

ORDER BY SocialHousing\_Percent ASC;

**Insight**: Areas least prepared to meet demand.

**9. Compare unmet need vs current housing capacity**

sql

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SELECT LGA, UnmetNeed\_Estimate, SocialHousing\_2021,

(UnmetNeed\_Estimate - SocialHousing\_2021) AS Shortfall

FROM LGA\_HousingData

WHERE UnmetNeed\_Estimate IS NOT NULL AND SocialHousing\_2021 IS NOT NULL;

**Insight**: Direct shortfall calculation.

**10. Rank LGAs by average annual build required**

sql

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SELECT TOP 10 LGA, AvgAnnualBuild

FROM LGA\_HousingData

WHERE AvgAnnualBuild IS NOT NULL

ORDER BY AvgAnnualBuild DESC;

**Insight**: Highlights development priorities.

**11. State-level average of all housing indicators**

sql

CopyEdit

SELECT State,

AVG(UnmetNeed\_Estimate) AS AvgUnmet,

AVG(SocialHousing\_2021) AS AvgHousing,

AVG(ProjectedNeed\_2041) AS AvgProjected

FROM LGA\_HousingData

GROUP BY State;

**Insight**: Macro-level resource planning.

**12. LGAs with housing built < 100/year but high unmet need**

sql

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SELECT LGA, AvgAnnualBuild, UnmetNeed\_Estimate

FROM LGA\_HousingData

WHERE AvgAnnualBuild < 100 AND UnmetNeed\_Estimate > 1000;

**Insight**: Underbuilt areas with critical needs.

**13. Homelessness contribution to unmet need**

sql

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SELECT LGA, ManifestHomeless

FROM LGA\_HousingData

WHERE ManifestHomeless > 0.1

ORDER BY ManifestHomeless DESC;

**Insight**: Severity of homelessness in housing demand.

**14. Top LGAs by unmet need growth rate**

sql

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SELECT LGA,

UnmetNeed\_Estimate,

ProjectedNeed\_2041,

(ProjectedNeed\_2041 - UnmetNeed\_Estimate) AS NeedGrowth

FROM LGA\_HousingData

WHERE UnmetNeed\_Estimate IS NOT NULL AND ProjectedNeed\_2041 IS NOT NULL

ORDER BY NeedGrowth DESC;

**Insight**: Focus on growth rate in demand.

**15. LGAs where social housing meets more than 50% of need**

sql

CopyEdit

SELECT LGA, SocialHousing\_Percent

FROM LGA\_HousingData

WHERE SocialHousing\_Percent > 0.5;

**Insight**: Positive outliers where social housing is relatively well provided.

**16. Distribution of unmet need vs households**

sql

CopyEdit

SELECT LGA, Households\_2021, UnmetNeed\_Estimate

FROM LGA\_HousingData

WHERE Households\_2021 IS NOT NULL AND UnmetNeed\_Estimate IS NOT NULL;

**Insight**: Can be used for housing coverage ratio analysis.

**17. Average annual build as % of 2021 unmet need**

sql

CopyEdit

SELECT LGA, AvgAnnualBuild, UnmetNeed\_Estimate,

(AvgAnnualBuild / NULLIF(UnmetNeed\_Estimate, 0)) AS BuildToNeedRatio

FROM LGA\_HousingData

WHERE AvgAnnualBuild IS NOT NULL AND UnmetNeed\_Estimate IS NOT NULL;

**Insight**: Will show whether annual build is on track to close the gap.

**18. Total unmet need across the country**

sql

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SELECT SUM(UnmetNeed\_Estimate) AS NationalUnmetNeed

FROM LGA\_HousingData;

**Insight**: Gives a national scale of demand.

**19. LGAs with significant Q2 (severe) rent stress**

sql

CopyEdit

SELECT LGA, Q2\_RentStress

FROM LGA\_HousingData

WHERE Q2\_RentStress > 0.5;

**Insight**: Where people pay over half their income on rent.

**20. LGAs with very low household count but high need**

sql

CopyEdit

SELECT LGA, Households\_2021, UnmetNeed\_Percent

FROM LGA\_HousingData

WHERE Households\_2021 < 2000 AND UnmetNeed\_Percent > 0.05;

**Insight**: Small communities under disproportionate pressure.