Child Wellness Data Analysis Portfolio
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Introduction:
This portfolio presents a structured analysis of child wellbeing, focusing on attendance, checkup completion, age, and demographic factors. The workflow covers cleaning, validation, analysis, and recommendations.

Dataset Overview:
Includes 200 children with fields such as Age, Gender, Country, Attendance Rate, Wellbeing Score, and Health Checkup Status.

Data Cleaning Process:
• Removed duplicates
• Standardized category labels
• Handled missing values
• Converted numeric and date formats
• Added calculated fields

Key Insights:
1. Higher attendance aligns with stronger wellbeing.
2. Over 55% of children did not complete health checkups.
3. Slight positive correlation between attendance rate and wellbeing.
4. Older children (12–14) show lower wellbeing & checkup completion.
5. Females show slightly higher wellbeing than males.
6. Countries with high attendance tend to have strong wellbeing outcomes.

Overall Interpretation:
Healthcare follow-up is a major challenge; attendance supports wellbeing; demographic and regional differences reveal areas for targeted intervention.

Conclusion:
Child wellbeing is affected by healthcare access, school engagement, and demographic factors. Strengthening systems and designing age-appropriate programs can improve outcomes.

Recommendations:
• Strengthen healthcare access
• Improve school attendance engagement
• Build age-targeted wellness programs
• Explore gender-based wellbeing variations
• Establish dashboards for continuous monitoring