| **ID** | **Epic** | **User Story** | **Priority** | **Sub-Tasks** | **Effort Points** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| US1 | Report Generation | As a **Government Policy Analyst**, I need to view countries ranked by population density to inform resource allocation strategies. | P1 | Develop optimized SQL query Implement data grid UI Validate report accuracy | 5 | To Do |
| US2 | Report Generation | As an **Urban Planning Specialist**, I require access to top N global cities by population to study urbanization patterns. | P1 | Create dynamic input field Optimize paginated query Design comparative visualization | 3 | To Do |
| US3 | Data Access | As a **Geographic Researcher**, I need continental population totals with urban/rural splits to analyze settlement distributions. | P2 | Design hierarchical table Implement continent API Calculate urbanization percentages | 5 | To Do |
| US4 | Language Stats | As a **Cultural Demographer**, I require global speaker statistics for key languages to track linguistic evolution. | P2 | Aggregate language data Implement percentage calculator Build pie chart component | 4 | To Do |
| US5 | Capital Cities | As a **Diplomatic Researcher**, I need to compare continental capital populations for geopolitical analysis. | P3 | Develop continent selector Optimize capital city query Handle null values | 3 | To Do |
| US6 | World Stats | As a **Public Health Official**, I need urban/rural population comparisons per country to plan healthcare infrastructure. | P1 | Map city-country relationships Implement subtraction logic Develop bar chart output | 5 | To Do |
| US7 | Report Generation | As a **Regional Developer**, I require district-level city population rankings to assess infrastructure needs. | P2 | Create district filter Implement sorting algorithm Test edge cases | 3 | To Do |
| US8 | Report Generation | As a **Geopolitical Analyst**, I need regional capital city demographics to study administrative center growth. | P3 | Implement region filter Optimize capital sorting Design compact display | 3 | To Do |
| US9 | Data Access | As a **Data Journalist**, I require hierarchical population breakdowns (country/region/continent) for investigative reporting. | P1 | Develop recursive hierarchy Implement JOIN queries Validate data integrity | 5 | To Do |
| US10 | Population Reports | As an **Economic Planner**, I need percentage-based urban population data per region to model workforce distribution. | P2 |  |  |  |