

# Codebook: Master AI Data Compilation (Wave 1, Version 2)

**Dataset:** [GAID\\_MASTER\\_V2\\_COMPILATION\\_FINAL.csv](#)

**Total Rows:** 259,546

**Total Unique Metrics:** 24,453

**Year Range:** 1998 - 2025

**Unique Countries:** 227

**ISO3 Coverage:** 100.0%

**Last Updated:** 13th January 2025

**Note:** The wave 1, version 1 of the **Global Artificial Intelligence Indicator Database (GAID)** project presents the compiled and documented global AI dataset after 123 steps of surgical cleaning and deduplication. This wave 1, version 2 GAID project is an updated global AI dataset with additional data ingestion, standardization and cleaning from:

1. **MacroPolo Global AI Talent Tracker:** AI talent migration/location to understand human capital concentration behind AI development
2. **UNESCO Global AI Ethics and Governance Observatory:** AI readiness and digital capacity and governance
3. **IEA's Energy and AI Observatory:** AI's energy consumption and its impact on the energy sector
4. **Epoch AI:** AI models' compute and training trends (e.g., technical progress of AI models as the supply side of AI data) and usage trends (as the demand side of AI services)
5. **Tortoise Media - The Global AI Index:** Commercial and innovative competitiveness (pillars: infrastructure (e.g., electricity, internet), operating environment (e.g., public opinion, data privacy laws), commercial (number of start-ups, private funding, etc.)).
6. **WIPO (World Intellectual Property Organisation) - AI Patent Landscapes:** How many AI-related patents are filed per country by sub-fields (e.g., computer vision, NLP, etc.).
7. **Coursera - Global Skills Report (AI & Digital Skills):** Relative proficiency on AI skills, machine learning, data science, business/management, technology and programming
8. **World Bank - GovTech Maturity Index (GTMI):** Public infrastructure, system and capacity for technological development and readiness, and digital citizen engagement capabilities

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## Section 1: Variable Definitions (Core Columns)

This section defines the core columns present in the Gold Standard master dataset.

| Variable Name | Data Type     | Description   |
|---------------|---------------|---|
| Year          | Float64/Int64 | The year of the observation. 100% complete (0 missing values). Range: 1998-2025.  |
| Country       | String        | The standardized country name. 100% complete (0 missing values). Every ISO3 code maps to exactly one official country name.   |
| ISO3          | String        | Three-letter ISO 3166-1 alpha-3 country code. 100% complete (0 missing values). Automatically mapped from Country names using country_converter library.  |
| Metric        | String        | The name of the metric/indicator being measured. This is the key variable that identifies what type of data is recorded. 100% complete (0 missing values). All metric names have been cleaned, standardized, and curated. |
| Value         | Numeric       | The actual measurement value for the metric. May be a count, percentage, ratio, score, or other numeric measure depending on the metric type. 100% complete (0 missing values).   |

## Metadata Columns

| Variable Name   | Data Type | Description   |
|-----------------|-----------|---|
| Source          | String    | The source dataset identifier (e.g., "OECD.ai", "Stanford AI Index", "GIRAI").  |
| Dataset         | String    | Specific dataset name within the source (primarily for OECD data).  |
| Source_Category | String    | Category classification of the source data (e.g., "Research and Development", "Policy and Governance", "Economy", "Education", "Public Opinion"). |
| Source_File     | String    | Original filename from which the data was extracted.  |
| Source_Type     | String    | File type of the source data (e.g., "xlsx", "csv").   |
| Source_Year     | String    | Year associated with the source file or data collection.  |

## Section 2: Categorical Metric Dictionary

To ensure readability, granular transactional records are grouped by category. Company-specific metrics are represented by templates rather than exhaustive lists.

### Part 1: Diversity

| Indicator Type                              | Unit           | Data Range | Original Definition   |
|---|----------------|------------|---|
| Relative AI Skill Penetration Rate (Female) | Ratio          | [0, ∞)     | Relative penetration rate of AI skills among female professionals in a given country. |
| Relative AI Skill Penetration Rate (Male)   | Ratio          | [0, ∞)     | Relative penetration rate of AI skills among male professionals in a given country.   |
| Share of CS Bachelor's Graduates: Female    | Percentage (%) | [0, 100]   | Share of computer science graduates who are female in a given country.                |
| Share of CS Bachelor's Graduates: Male      | Percentage (%) | [0, 100]   | Share of computer science graduates who are male in a given country.                  |
| Share of CS Doctoral Graduates: Female      | Percentage (%) | [0, 100]   | Share of computer science graduates who are female in a given country.                |
| Share of CS Doctoral Graduates: Male        | Percentage (%) | [0, 100]   | Share of computer science graduates who are male in a given country.                  |
| Share of CS Graduates: Female               | Percentage (%) | [0, 100]   | Share of computer science graduates who are female in a given country.                |
| Share of CS Graduates: Male                 | Percentage (%) | [0, 100]   | Share of computer science graduates who are male in a given country.                  |

## Part 2: Economy

### Transactional Record Templates:

- Funding In US Dollars: [Company Name] ([Event Type]) [ID: Unique\_ID]
  - *Definition:* Amount of funding (in USD) received by a specific company in a given country during a funding event.
- Quarter Of Funding Event: [Company Name] ([Event Type]) [ID: Unique\_ID]
  - *Definition:* Quarter in which a specific company in a given country received funding. *Note:* This category contains 23,122 unique company-level transactional records.

| Indicator Type                 | Unit  | Data Range | Original Definition  |
|--------------------------------|-------|------------|--|
| AI Hiring Index (Average 2020) | Ratio | [0, ∞)     | Measures the average intensity of AI-related hiring in a given country during the year 2020, |

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|   |                |                | expressed as a ratio relative to the 2016 baseline rate.   |
| AI Hiring Index (December 2020)                                   | Ratio          | [0, $\infty$ ) | Measures the intensity of AI-related hiring in a given country during December 2020, expressed as a ratio relative to the 2016 baseline rate.  |
| AI Job Postings (% Of All Job Postings) (2024 Report Methodology) | Percentage (%) | [0, 100]       | Measures the share of online job advertisements in a given country that require AI skills, calculated using the industry-specific taxonomy and keyword filtering defined in the 2024 AI Index.                         |
| AI Job Postings (% Of All Job Postings) (2025 Report Methodology) | Percentage (%) | [0, 100]       | Measures the share of online job advertisements in a given country that require AI skills, utilizing the updated classification system and expanded dataset (e.g., Lightcast or similar) defined in the 2025 AI Index. |
| AI Talent Concentration (Share of LinkedIn Members)               | Percentage (%) | [0, 100]       | Measures the proportion of the total LinkedIn member base in a given country that is classified as "AI Talent" based on self-reported AI skills or job titles on their profiles.                                       |
| AI Talent Concentration (Share of Professionals)                  | Percentage (%) | [0, 100]       | Measures the prevalence of AI specialists in a given country as a percentage of the total active professional workforce, often adjusted to include non-LinkedIn segments.  |
| AI Talent Concentration: Female (Share of LinkedIn Members)       | Percentage (%) | [0, 100]       | Measures the proportion of female LinkedIn members in a given country who possess AI-specific skills or are employed in AI-related job roles.  |
| AI Talent Concentration: Female (Share of Professionals)          | Percentage (%) | [0, 100]       | Measures the concentration of female AI specialists as a share of the total female   |

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|  |                |           | professional population in a given country.   |
| AI Talent Concentration: Male (Share of LinkedIn Members)              | Percentage (%) | [0, 100]  | Measures the proportion of male LinkedIn members in a given country who possess AI-specific skills or are employed in AI-related job roles.                       |
| AI Talent Concentration: Male (Share of Professionals)                 | Percentage (%) | [0, 100]  | Measures the concentration of male AI specialists as a share of the total male professional population in a given country.  |
| AI Talent Representation: Female                                       | Percentage (%) | [0, 100]  | Measures the share of the total AI workforce in a given country that identifies as female, indicating gender diversity within the AI talent pool.                 |
| AI Talent Representation: Male   | Percentage (%) | [0, 100]  | Measures the share of the total AI workforce in a given country that identifies as male.  |
| Annual Growth Rate Of Industrial Robots Installed                      | Percentage (%) | [-100, ∞) | Measures the year-over-year percentage change in the number of new industrial robots deployed within the manufacturing and industrial sectors of a given country. |
| Businesses (Accommodation and food service activities, 10 or more)     | Count          | [0, ∞)    | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.             |
| Businesses (Administrative and support service activities, 10 or more) | Count          | [0, ∞)    | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.             |
| Businesses (Construction, 10 or more)                                  | Count          | [0, ∞)    | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.             |

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| Businesses (Financial and insurance activities, 10 or more)                     | Count | [0, ∞) | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.      |
| Businesses (Information and communication, 10 or more)                          | Count | [0, ∞) | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.      |
| Businesses (Manufacturing, 10 or more)  | Count | [0, ∞) | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.      |
| Businesses (Professional, scientific and technical activities, 10 or more)      | Count | [0, ∞) | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.      |
| Businesses (Real estate activities, 10 or more)                                 | Count | [0, ∞) | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.      |
| Businesses (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Count | [0, ∞) | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.      |
| Businesses (Total - all activities, 10 or more)                                 | Count | [0, ∞) | Businesses ([Sector], [Size]): Measures the total number of enterprises within all industry sectors and a specific employee size class in a given country. |
| Businesses (Total - all activities, 100 or more)                                | Count | [0, ∞) | Businesses ([Sector], [Size]): Measures the total number of enterprises within all industry sectors and a specific employee size class in a given country. |

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| Businesses (Total - all activities, 250 or more)  | Count          | [0, ∞)   | Businesses ([Sector], [Size]): Measures the total number of enterprises within all industry sectors and a specific employee size class in a given country.   |
| Businesses (Total - all activities, From 10 to 49)  | Count          | [0, ∞)   | Businesses ([Sector], [Size]): Measures the total number of enterprises within all industry sectors and a specific employee size class in a given country.   |
| Businesses (Total - all activities, From 50 to 249)   | Count          | [0, ∞)   | Businesses ([Sector], [Size]): Measures the total number of enterprises within all industry sectors and a specific employee size class in a given country.   |
| Businesses (Transportation and storage, 10 or more)   | Count          | [0, ∞)   | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.  |
| Businesses (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)                                    | Count          | [0, ∞)   | Businesses ([Sector], [Size]): Measures the total number of enterprises within a specific industry sector and employee size class in a given country.  |
| Businesses experiencing ICT incidents (security breaches) (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology security breaches in a given country. |
| Businesses experiencing ICT incidents (security breaches) (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific  |

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|   |                         | employee count and sector that reported information and communication technology security breaches in a given country.   |
| <b>Businesses experiencing ICT incidents (security breaches) (Construction, 10 or more)</b>                       | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology security breaches in a given country. |
| <b>Businesses experiencing ICT incidents (security breaches) (Financial and insurance activities, 10 or more)</b> | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology security breaches in a given country. |
| <b>Businesses experiencing ICT incidents (security breaches) (Information and communication, 10 or more)</b>      | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology security breaches in a given country. |
| <b>Businesses experiencing ICT incidents (security breaches) (Manufacturing, 10 or more)</b>                      | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology                                       |

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|   |                         | security breaches in a given country.   |
| <b>Businesses experiencing ICT incidents (security breaches) (Professional, scientific and technical activities, 10 or more)</b>      | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology security breaches in a given country.      |
| <b>Businesses experiencing ICT incidents (security breaches) (Real estate activities, 10 or more)</b>                                 | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology security breaches in a given country.      |
| <b>Businesses experiencing ICT incidents (security breaches) (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology security breaches in a given country.      |
| <b>Businesses experiencing ICT incidents (security breaches) (Total - all activities, 10 or more)</b>                                 | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and all sectors that reported information and communication technology security breaches in a given country. |

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| Businesses experiencing ICT incidents (security breaches)<br>(Total - all activities, 100 or more)   | Percentage (%) | [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and all sectors that reported information and communication technology security breaches in a given country. |
| Businesses experiencing ICT incidents (security breaches)<br>(Total - all activities, 250 or more)   | Percentage (%) | [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and all sectors that reported information and communication technology security breaches in a given country. |
| Businesses experiencing ICT incidents (security breaches)<br>(Total - all activities, 300 or more)   | Percentage (%) | [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and all sectors that reported information and communication technology security breaches in a given country. |
| Businesses experiencing ICT incidents (security breaches)<br>(Total - all activities, From 10 to 49) | Percentage (%) | [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and all sectors that reported information and communication technology security breaches in a given country. |
| Businesses experiencing ICT incidents (security breaches)  | Percentage (%) | [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]):  |

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| (Total - all activities, From 100 to 299)   |                         | Measures the proportion of enterprises with a specific employee count and all sectors that reported information and communication technology security breaches in a given country.  |
| <b>Businesses experiencing ICT incidents (security breaches)</b><br><br>(Total - all activities, From 50 to 249)                                | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and all sectors that reported information and communication technology security breaches in a given country. |
| <b>Businesses experiencing ICT incidents (security breaches)</b><br><br>(Transportation and storage, 10 or more)                                | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology security breaches in a given country.      |
| <b>Businesses experiencing ICT incidents (security breaches)</b><br><br>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Businesses experiencing Information and Communication Technologies incidents ([Sector], [Size]): Measures the proportion of enterprises with a specific employee count and sector that reported information and communication technology security breaches in a given country.      |
| <b>Businesses having performed big data analysis (Accommodation and food service activities, 10 or more)</b>                                    | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.  |

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| Businesses having performed big data analysis (Administrative and support service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Construction, 10 or more)                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Financial and insurance activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Information and communication, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Manufacturing, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Professional, scientific and technical activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Real estate activities, 10 or more)                            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |

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| Businesses having performed big data analysis (Retail trade, except of motor vehicles and motorcycles, 10 or more)    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis (Total - all activities, 10 or more)                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |

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| Businesses having performed big data analysis only with external service provider (Accommodation and food service activities, 10 or more)         | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Administrative and support service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Construction, 10 or more)                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Financial and insurance activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Information and communication, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Manufacturing, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Professional, scientific and technical activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |

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| Businesses having performed big data analysis only with external service provider (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis only with external service provider (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis only with external service provider (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Total - all activities, From 50 to 249)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with external service provider (Transportation and storage, 10 or more)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |

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| Businesses having performed big data analysis only with external service provider (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Accommodation and food service activities, 10 or more)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Administrative and support service activities, 10 or more)                         | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Construction, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Financial and insurance activities, 10 or more)                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Information and communication, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Manufacturing, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |

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| Businesses having performed big data analysis only with own employees (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis only with own employees (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis only with own employees (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis only with own employees (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Total - all activities, From 50 to 249)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |

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| Businesses having performed big data analysis only with own employees (Transportation and storage, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis only with own employees (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis with both own employees and external service provider (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis with both own employees and external service provider (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis with both own employees and external service provider (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis with both own employees and external service provider (Financial and insurance activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis with both own employees and external service provider (Information and communication, 10 or more)                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country. |

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| Businesses having performed big data analysis with both own employees and external service provider (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis with both own employees and external service provider (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis with both own employees and external service provider (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis with both own employees and external service provider (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.      |
| Businesses having performed big data analysis with both own employees and external service provider (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis with both own employees and external service provider (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |
| Businesses having performed big data analysis with both own employees and external service provider (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country. |

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| Businesses having performed big data analysis with both own employees and external service provider (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have performed big data analysis in a given country.                 |
| Businesses having performed big data analysis with both own employees and external service provider (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.                      |
| Businesses having performed big data analysis with both own employees and external service provider (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have performed big data analysis in a given country.                      |
| Businesses placing orders (i.e. making purchases) over computer networks (Accommodation and food service activities, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses placing orders (i.e. making purchases) over computer networks (Administrative and support service activities, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses placing orders (i.e. making purchases) over computer networks (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses placing orders (i.e. making purchases) over computer networks (Financial and insurance activities, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over                                       |

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|  |                |          | computer networks in a given country.  |
| <b>Businesses placing orders (i.e. making purchases) over computer networks (Information and communication, 10 or more)</b>                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over computer networks in a given country.      |
| <b>Businesses placing orders (i.e. making purchases) over computer networks (Manufacturing, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over computer networks in a given country.      |
| <b>Businesses placing orders (i.e. making purchases) over computer networks (Professional, scientific and technical activities, 10 or more)</b>      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over computer networks in a given country.      |
| <b>Businesses placing orders (i.e. making purchases) over computer networks (Real estate activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over computer networks in a given country.      |
| <b>Businesses placing orders (i.e. making purchases) over computer networks (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over computer networks in a given country.      |
| <b>Businesses placing orders (i.e. making purchases) over computer networks (Total - all activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that place orders or make purchases over computer networks in a given country. |

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| Businesses placing orders (i.e. making purchases) over computer networks (Total - all activities, 100 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses placing orders (i.e. making purchases) over computer networks (Total - all activities, 250 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses placing orders (i.e. making purchases) over computer networks (Total - all activities, 300 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses placing orders (i.e. making purchases) over computer networks (Total - all activities, From 10 to 49)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses placing orders (i.e. making purchases) over computer networks (Total - all activities, From 100 to 299) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses placing orders (i.e. making purchases) over computer networks (Total - all activities, From 50 to 249)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses placing orders (i.e. making purchases) over computer  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee  |

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| networks (Transportation and storage, 10 or more)  |                         | size class that place orders or make purchases over computer networks in a given country.   |
| Businesses placing orders (i.e. making purchases) over computer networks (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that place orders or make purchases over computer networks in a given country. |
| Businesses purchasing cloud computing services (Accommodation and food service activities, 10 or more)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.                     |
| Businesses purchasing cloud computing services (Administrative and support service activities, 10 or more)                                       | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.                     |
| Businesses purchasing cloud computing services (Construction, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.                     |
| Businesses purchasing cloud computing services (Financial and insurance activities, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.                     |
| Businesses purchasing cloud computing services (Information and communication, 10 or more)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.                     |

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| Businesses purchasing cloud computing services (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.      |
| Businesses purchasing cloud computing services (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.      |
| Businesses purchasing cloud computing services (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.      |
| Businesses purchasing cloud computing services (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.      |
| Businesses purchasing cloud computing services (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services in a given country. |
| Businesses purchasing cloud computing services (Total - all activities, 100 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services in a given country. |
| Businesses purchasing cloud computing services (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services in a given country. |

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| Businesses purchasing cloud computing services (Total - all activities, 300 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services in a given country.                                    |
| Businesses purchasing cloud computing services (Total - all activities, From 10 to 49)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services in a given country.                                    |
| Businesses purchasing cloud computing services (Total - all activities, From 100 to 299)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services in a given country.                                    |
| Businesses purchasing cloud computing services (Total - all activities, From 50 to 249)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services in a given country.                                    |
| Businesses purchasing cloud computing services (Transportation and storage, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.   |
| Businesses purchasing cloud computing services (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)                         | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services in a given country.   |
| Businesses purchasing cloud computing services for computing power to run own software (Accommodation and food service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country. |

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| Businesses purchasing cloud computing services for computing power to run own software (Administrative and support service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing power to run own software (Construction, 10 or more)                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing power to run own software (Financial and insurance activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing power to run own software (Information and communication, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing power to run own software (Manufacturing, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing power to run own software (Professional, scientific and technical activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee   |

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| power to run own software (Real estate activities, 10 or more)  |                         | size class that purchase cloud computing services for computing power to run own software in a given country.  |
| Businesses purchasing cloud computing services for computing power to run own software (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country.      |
| Businesses purchasing cloud computing services for computing power to run own software (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing power to run own software (Total - all activities, 250 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing power to run own software (Total - all activities, From 10 to 49)                              | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing power to run own software (Total - all activities, From 50 to 249)                             | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for computing power to run own software in a given country. |
| Businesses purchasing cloud computing services for computing  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific   |

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| power to run own software<br>(Transportation and storage, 10 or more)   |                         | industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country.  |
| Businesses purchasing cloud computing services for computing power to run own software<br>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for computing power to run own software in a given country.       |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Accommodation and food service activities, 10 or more)        | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Administrative and support service activities, 10 or more)    | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Construction, 10 or more)                                     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Financial and insurance activities, 10 or more)               | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country. |

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| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for customer   |

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|  |                |          | relationship management software in a given country.   |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for customer relationship management software in a given country. |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country.      |
| Businesses purchasing cloud computing services for customer relationship management (CRM) software (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for customer relationship management software in a given country.      |
| Businesses purchasing cloud computing services for e-mail  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee  |

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| (Accommodation and food service activities, 10 or more)   |                         | size class that purchase cloud computing services for e-mail in a given country.   |
| Businesses purchasing cloud computing services for e-mail (Administrative and support service activities, 10 or more)     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Construction, 10 or more)                                      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Financial and insurance activities, 10 or more)                | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Information and communication, 10 or more)                     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Manufacturing, 10 or more)                                     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Professional, scientific and technical activities, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Real estate activities, 10 or more)                            | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud   |

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|  |                |          | computing services for e-mail in a given country.   |
| Businesses purchasing cloud computing services for e-mail (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for e-mail in a given country.      |
| Businesses purchasing cloud computing services for e-mail (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Total - all activities, 100 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Total - all activities, 300 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for e-mail in a given country. |
| Businesses purchasing cloud computing services for e-mail (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for e-mail in a given country. |

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| Businesses purchasing cloud computing services for e-mail<br>(Total - all activities, From 100 to 299)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for e-mail in a given country.                    |
| Businesses purchasing cloud computing services for e-mail<br>(Total - all activities, From 50 to 249)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for e-mail in a given country.                    |
| Businesses purchasing cloud computing services for e-mail<br>(Transportation and storage, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for e-mail in a given country.                         |
| Businesses purchasing cloud computing services for e-mail<br>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more)          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for e-mail in a given country.                         |
| Businesses purchasing cloud computing services for finance or accounting software (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance  |

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|  |                |          | or accounting software in a given country.   |
| Businesses purchasing cloud computing services for finance or accounting software (Financial and insurance activities, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country. |

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| Businesses purchasing cloud computing services for finance or accounting software (Total - all activities, 10 or more)                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for finance or accounting software in a given country. |
| Businesses purchasing cloud computing services for finance or accounting software (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country.      |
| Businesses purchasing cloud computing services for finance or accounting software (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for finance or accounting software in a given country.      |

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| Businesses purchasing cloud computing services for hosting of databases (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country. |
| Businesses purchasing cloud computing services for hosting of databases (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country. |
| Businesses purchasing cloud computing services for hosting of databases (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country. |
| Businesses purchasing cloud computing services for hosting of databases (Financial and insurance activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country. |
| Businesses purchasing cloud computing services for hosting of databases (Information and communication, 10 or more)                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country. |
| Businesses purchasing cloud computing services for hosting of databases (Manufacturing, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country. |
| Businesses purchasing cloud computing services for hosting of   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee  |

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| <b>databases (Professional, scientific and technical activities, 10 or more)</b>  |                         | size class that purchase cloud computing services for hosting of databases in a given country.  |
| <b>Businesses purchasing cloud computing services for hosting of databases (Real estate activities, 10 or more)</b>                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country.      |
| <b>Businesses purchasing cloud computing services for hosting of databases (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country.      |
| <b>Businesses purchasing cloud computing services for hosting of databases (Total - all activities, 10 or more)</b>                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for hosting of databases in a given country. |
| <b>Businesses purchasing cloud computing services for hosting of databases (Total - all activities, 250 or more)</b>                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for hosting of databases in a given country. |
| <b>Businesses purchasing cloud computing services for hosting of databases (Total - all activities, From 10 to 49)</b>                              | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for hosting of databases in a given country. |
| <b>Businesses purchasing cloud computing services for hosting of databases (Total - all activities, From 50 to 249)</b>                             | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing   |

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|   |                |          | services for hosting of databases in a given country.  |
| Businesses purchasing cloud computing services for hosting of databases (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country. |
| Businesses purchasing cloud computing services for hosting of databases (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for hosting of databases in a given country. |
| Businesses purchasing cloud computing services for office software (Accommodation and food service activities, 10 or more)                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for office software (Administrative and support service activities, 10 or more)                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for office software (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for office software (Financial and insurance activities, 10 or more)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for office   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud   |

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| software (Information and communication, 10 or more)  |                         | computing services for office software in a given country.   |
| Businesses purchasing cloud computing services for office software (Manufacturing, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for office software (Professional, scientific and technical activities, 10 or more)      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for office software (Real estate activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for office software (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for office software (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for office software in a given country. |
| Businesses purchasing cloud computing services for office software (Total - all activities, 250 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for office software in a given country. |
| Businesses purchasing cloud computing services for office   | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that   |

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| software (Total - all activities, From 10 to 49)   |                |          | purchase cloud computing services for office software in a given country.  |
| Businesses purchasing cloud computing services for office software (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for office software in a given country. |
| Businesses purchasing cloud computing services for office software (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for office software (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for office software in a given country.      |
| Businesses purchasing cloud computing services for storage of files (Accommodation and food service activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country.     |
| Businesses purchasing cloud computing services for storage of files (Administrative and support service activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country.     |
| Businesses purchasing cloud computing services for storage of files (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country.     |
| Businesses purchasing cloud computing services for storage of  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud   |

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| files (Financial and insurance activities, 10 or more)   |                         | computing services for storage of files in a given country.   |
| Businesses purchasing cloud computing services for storage of files (Information and communication, 10 or more)                          | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country.      |
| Businesses purchasing cloud computing services for storage of files (Manufacturing, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country.      |
| Businesses purchasing cloud computing services for storage of files (Professional, scientific and technical activities, 10 or more)      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country.      |
| Businesses purchasing cloud computing services for storage of files (Real estate activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country.      |
| Businesses purchasing cloud computing services for storage of files (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country.      |
| Businesses purchasing cloud computing services for storage of files (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for storage of files in a given country. |
| Businesses purchasing cloud computing services for storage of files (Total - all activities, 100 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing   |

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|   |                |          | services for storage of files in a given country.   |
| Businesses purchasing cloud computing services for storage of files (Total - all activities, 250 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for storage of files in a given country. |
| Businesses purchasing cloud computing services for storage of files (Total - all activities, 300 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for storage of files in a given country. |
| Businesses purchasing cloud computing services for storage of files (Total - all activities, From 10 to 49)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for storage of files in a given country. |
| Businesses purchasing cloud computing services for storage of files (Total - all activities, From 100 to 299) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for storage of files in a given country. |
| Businesses purchasing cloud computing services for storage of files (Total - all activities, From 50 to 249)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that purchase cloud computing services for storage of files in a given country. |
| Businesses purchasing cloud computing services for storage of files (Transportation and storage, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country.      |

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| Businesses purchasing cloud computing services for storage of files (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that purchase cloud computing services for storage of files in a given country. |
| Businesses receiving orders over computer networks (Accommodation and food service activities, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.                  |
| Businesses receiving orders over computer networks (Administrative and support service activities, 10 or more)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.                  |
| Businesses receiving orders over computer networks (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.                  |
| Businesses receiving orders over computer networks (Financial and insurance activities, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.                  |
| Businesses receiving orders over computer networks (Information and communication, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.                  |
| Businesses receiving orders over computer networks (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.                  |

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| Businesses receiving orders over computer networks (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.      |
| Businesses receiving orders over computer networks (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.      |
| Businesses receiving orders over computer networks (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.      |
| Businesses receiving orders over computer networks (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders over computer networks in a given country. |
| Businesses receiving orders over computer networks (Total - all activities, 100 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders over computer networks in a given country. |
| Businesses receiving orders over computer networks (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders over computer networks in a given country. |
| Businesses receiving orders over computer networks (Total - all activities, 300 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders over computer networks in a given country. |

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| Businesses receiving orders over computer networks (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders over computer networks in a given country. |
| Businesses receiving orders over computer networks (Total - all activities, From 100 to 299)                               | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders over computer networks in a given country. |
| Businesses receiving orders over computer networks (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders over computer networks in a given country. |
| Businesses receiving orders over computer networks (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.      |
| Businesses receiving orders over computer networks (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders over computer networks in a given country.      |
| Businesses receiving orders through the Internet (Accommodation and food service activities, 10 or more)                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country.        |
| Businesses receiving orders through the Internet (Administrative and support service activities, 10 or more)               | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country.        |

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| Businesses receiving orders through the Internet (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Financial and insurance activities, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country. |

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| Businesses receiving orders through the Internet (Total - all activities, 10 or more)                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders through the Internet in a given country. |
| Businesses receiving orders through the Internet (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country.      |
| Businesses receiving orders through the Internet (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders through the Internet in a given country.      |
| Businesses receiving orders via EDI-type messages (Accommodation and food service activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country.     |

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| Businesses receiving orders via EDI-type messages (Administrative and support service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Construction, 10 or more)                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Financial and insurance activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Information and communication, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Manufacturing, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Professional, scientific and technical activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Real estate activities, 10 or more)                            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country. |

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| Businesses receiving orders via EDI-type messages (Retail trade, except of motor vehicles and motorcycles, 10 or more)    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country.      |
| Businesses receiving orders via EDI-type messages (Total - all activities, 10 or more)                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that receive orders via EDI-type messages in a given country. |
| Businesses receiving orders via EDI-type messages (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country.      |
| Businesses receiving orders via EDI-type messages (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that receive orders via EDI-type messages in a given country.      |

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| Businesses sharing electronically SCM information with suppliers and customers (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country. |
| Businesses sharing electronically SCM information with suppliers and customers (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country. |
| Businesses sharing electronically SCM information with suppliers and customers (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country. |
| Businesses sharing electronically SCM information with suppliers and customers (Financial and insurance activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country. |
| Businesses sharing electronically SCM information with suppliers and customers (Information and communication, 10 or more)                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country. |
| Businesses sharing electronically SCM information with suppliers and customers (Manufacturing, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country. |
| Businesses sharing electronically SCM information with suppliers and   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee   |

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| <b>customers (Professional, scientific and technical activities, 10 or more)</b>   |                         | size class that share electronically SCM information with suppliers and customers in a given country.  |
| <b>Businesses sharing electronically SCM information with suppliers and customers (Real estate activities, 10 or more)</b>                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country.      |
| <b>Businesses sharing electronically SCM information with suppliers and customers (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country.      |
| <b>Businesses sharing electronically SCM information with suppliers and customers (Total - all activities, 10 or more)</b>                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that share electronically SCM information with suppliers and customers in a given country. |
| <b>Businesses sharing electronically SCM information with suppliers and customers (Total - all activities, 250 or more)</b>                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that share electronically SCM information with suppliers and customers in a given country. |
| <b>Businesses sharing electronically SCM information with suppliers and customers (Total - all activities, From 10 to 49)</b>                              | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that share electronically SCM information with suppliers and customers in a given country. |
| <b>Businesses sharing electronically SCM information with suppliers and customers (Total - all activities, From 50 to 249)</b>                             | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that share electronically SCM information  |

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|   |                |          | with suppliers and customers in a given country.  |
| <b>Businesses sharing electronically SCM information with suppliers and customers (Transportation and storage, 10 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country.           |
| <b>Businesses sharing electronically SCM information with suppliers and customers (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that share electronically SCM information with suppliers and customers in a given country.           |
| <b>Businesses that offered positions for ICT specialist (Accommodation and food service activities, 10 or more)</b>   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country. |
| <b>Businesses that offered positions for ICT specialist (Administrative and support service activities, 10 or more)</b>                                       | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country. |
| <b>Businesses that offered positions for ICT specialist (Construction, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country. |
| <b>Businesses that offered positions for ICT specialist (Financial and insurance activities, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country. |

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| <b>Businesses that offered positions for ICT specialist (Information and communication, 10 or more)</b>                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country.      |
| <b>Businesses that offered positions for ICT specialist (Manufacturing, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country.      |
| <b>Businesses that offered positions for ICT specialist (Professional, scientific and technical activities, 10 or more)</b>      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country.      |
| <b>Businesses that offered positions for ICT specialist (Real estate activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country.      |
| <b>Businesses that offered positions for ICT specialist (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country.      |
| <b>Businesses that offered positions for ICT specialist (Total - all activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that offered positions for Information and Communication Technologies specialist in a given country. |

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| <b>Businesses that offered positions for ICT specialist (Total - all activities, 250 or more)</b>   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that offered positions for Information and Communication Technologies specialist in a given country.                        |
| <b>Businesses that offered positions for ICT specialist (Total - all activities, From 10 to 49)</b>   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that offered positions for Information and Communication Technologies specialist in a given country.                        |
| <b>Businesses that offered positions for ICT specialist (Total - all activities, From 50 to 249)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that offered positions for Information and Communication Technologies specialist in a given country.                        |
| <b>Businesses that offered positions for ICT specialist (Transportation and storage, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country.                             |
| <b>Businesses that offered positions for ICT specialist (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b>             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist in a given country.                             |
| <b>Businesses that offered positions for ICT specialist that were difficult to fill (Accommodation and food service activities, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |

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| Businesses that offered positions for ICT specialist that were difficult to fill (Administrative and support service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |
| Businesses that offered positions for ICT specialist that were difficult to fill (Construction, 10 or more)                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |
| Businesses that offered positions for ICT specialist that were difficult to fill (Financial and insurance activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |
| Businesses that offered positions for ICT specialist that were difficult to fill (Information and communication, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |
| Businesses that offered positions for ICT specialist that were difficult to fill (Manufacturing, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |
| Businesses that offered positions for ICT specialist that were difficult to fill (Professional, scientific and technical activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies  |

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|   |                         | specialist that were difficult to fill in a given country.   |
| Businesses that offered positions for ICT specialist that were difficult to fill (Real estate activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country.      |
| Businesses that offered positions for ICT specialist that were difficult to fill (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country.      |
| Businesses that offered positions for ICT specialist that were difficult to fill (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |
| Businesses that offered positions for ICT specialist that were difficult to fill (Total - all activities, 250 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |
| Businesses that offered positions for ICT specialist that were difficult to fill (Total - all activities, From 10 to 49)                              | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |

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| Businesses that offered positions for ICT specialist that were difficult to fill (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country. |
| Businesses that offered positions for ICT specialist that were difficult to fill (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country.      |
| Businesses that offered positions for ICT specialist that were difficult to fill (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that offered positions for Information and Communication Technologies specialist that were difficult to fill in a given country.      |
| Businesses using 3D printing technology (Accommodation and food service activities, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.   |
| Businesses using 3D printing technology (Administrative and support service activities, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.   |
| Businesses using 3D printing technology (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.   |
| Businesses using 3D printing technology (Financial and insurance activities, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.   |

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| Businesses using 3D printing technology (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.      |
| Businesses using 3D printing technology (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.      |
| Businesses using 3D printing technology (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.      |
| Businesses using 3D printing technology (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.      |
| Businesses using 3D printing technology (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.      |
| Businesses using 3D printing technology (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use 3D printing technology in a given country. |
| Businesses using 3D printing technology (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use 3D printing technology in a given country. |
| Businesses using 3D printing technology (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use 3D printing technology in a given country. |

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| Businesses using 3D printing technology (Total - all activities, From 50 to 249)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use 3D printing technology in a given country.               |
| Businesses using 3D printing technology (Transportation and storage, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.                    |
| Businesses using 3D printing technology (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use 3D printing technology in a given country.                    |
| Businesses using CRM (Customer Relationship Management) software (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country. |
| Businesses using CRM (Customer Relationship Management) software (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country. |
| Businesses using CRM (Customer Relationship Management) software (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country. |
| Businesses using CRM (Customer Relationship Management) software (Financial and insurance activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country. |
| Businesses using CRM (Customer Relationship Management) software   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee   |

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| (Information and communication, 10 or more)   |                         | size class that use customer relationship management software in a given country.  |
| Businesses using CRM (Customer Relationship Management) software (Manufacturing, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country.      |
| Businesses using CRM (Customer Relationship Management) software (Professional, scientific and technical activities, 10 or more)      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country.      |
| Businesses using CRM (Customer Relationship Management) software (Real estate activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country.      |
| Businesses using CRM (Customer Relationship Management) software (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country.      |
| Businesses using CRM (Customer Relationship Management) software (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use customer relationship management software in a given country. |
| Businesses using CRM (Customer Relationship Management) software (Total - all activities, 250 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use customer relationship management software in a given country. |
| Businesses using CRM (Customer Relationship Management) software  | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific  |

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| (Total - all activities, From 10 to 49)  |                         | employee size class that use customer relationship management software in a given country.   |
| Businesses using CRM (Customer Relationship Management) software (Total - all activities, From 50 to 249)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use customer relationship management software in a given country. |
| Businesses using CRM (Customer Relationship Management) software (Transportation and storage, 10 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country.      |
| Businesses using CRM (Customer Relationship Management) software (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use customer relationship management software in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Accommodation and food service activities, 10 or more)                               | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.                    |
| Businesses using EDI (Electronic Data Interchange) (Administrative and support service activities, 10 or more)                           | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.                    |
| Businesses using EDI (Electronic Data Interchange) (Construction, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.                    |

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| Businesses using EDI (Electronic Data Interchange) (Financial and insurance activities, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use electronic data interchange in a given country. |

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| Businesses using EDI (Electronic Data Interchange) (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use electronic data interchange in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use electronic data interchange in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use electronic data interchange in a given country.      |
| Businesses using EDI (Electronic Data Interchange) (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.           |
| Businesses using EDI (Electronic Data Interchange) (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use electronic data interchange in a given country.           |
| Businesses using ERP (Enterprise Resource Planning) software (Accommodation and food service activities, 10 or more)       | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Administrative and support service activities, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country. |

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| Businesses using ERP (Enterprise Resource Planning) software (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Financial and insurance activities, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country. |

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| Businesses using ERP (Enterprise Resource Planning) software (Total - all activities, 10 or more)                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use enterprise resource planning software in a given country. |
| Businesses using ERP (Enterprise Resource Planning) software (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country.      |
| Businesses using ERP (Enterprise Resource Planning) software (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use enterprise resource planning software in a given country.      |
| Businesses using RFID (Radio Frequency Identification) technology (Accommodation and food service activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country.  |

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| Businesses using RFID (Radio Frequency Identification) technology (Administrative and support service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Construction, 10 or more)                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Financial and insurance activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Information and communication, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Manufacturing, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Professional, scientific and technical activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Real estate activities, 10 or more)                            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country. |

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| Businesses using RFID (Radio Frequency Identification) technology (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country.      |
| Businesses using RFID (Radio Frequency Identification) technology (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Total - all activities, 100 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Total - all activities, 300 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Total - all activities, From 100 to 299)                            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use radio frequency identification technology in a given country. |

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| Businesses using RFID (Radio Frequency Identification) technology (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use radio frequency identification technology in a given country. |
| Businesses using RFID (Radio Frequency Identification) technology (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country.      |
| Businesses using RFID (Radio Frequency Identification) technology (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use radio frequency identification technology in a given country.      |
| Businesses using artificial intelligence (AI) (Accommodation and food service activities, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country.                        |
| Businesses using artificial intelligence (AI) (Administrative and support service activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country.                        |
| Businesses using artificial intelligence (AI) (Construction, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country.                        |
| Businesses using artificial intelligence (AI) (Financial and insurance activities, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country.                        |
| Businesses using artificial intelligence (AI) (Information and communication, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country.                        |

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| Businesses using artificial intelligence (AI) (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country.      |
| Businesses using artificial intelligence (AI) (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country.      |
| Businesses using artificial intelligence (AI) (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country.      |
| Businesses using artificial intelligence (AI) (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country.      |
| Businesses using artificial intelligence (AI) (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use artificial intelligence in a given country. |
| Businesses using artificial intelligence (AI) (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use artificial intelligence in a given country. |
| Businesses using artificial intelligence (AI) (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use artificial intelligence in a given country. |
| Businesses using artificial intelligence (AI) (Total - all activities, From 50 to 249)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use artificial intelligence in a given country. |

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| Businesses using artificial intelligence (AI) (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country. |
| Businesses using artificial intelligence (AI) (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use artificial intelligence in a given country. |
| Businesses using internet of things (IoT) (Accommodation and food service activities, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| Businesses using internet of things (IoT) (Administrative and support service activities, 10 or more)                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| Businesses using internet of things (IoT) (Construction, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| Businesses using internet of things (IoT) (Financial and insurance activities, 10 or more)                            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| Businesses using internet of things (IoT) (Information and communication, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| Businesses using internet of things (IoT) (Manufacturing, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |

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| Businesses using internet of things (IoT) (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| Businesses using internet of things (IoT) (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| Businesses using internet of things (IoT) (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| Businesses using internet of things (IoT) (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use internet of things in a given country. |
| Businesses using internet of things (IoT) (Total - all activities, 100 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use internet of things in a given country. |
| Businesses using internet of things (IoT) (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use internet of things in a given country. |
| Businesses using internet of things (IoT) (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use internet of things in a given country. |
| Businesses using internet of things (IoT) (Total - all activities, From 100 to 299)                            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use  |

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|  |                |          | internet of things in a given country.  |
| <b>Businesses using internet of things (IoT) (Total - all activities, From 50 to 249)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use internet of things in a given country. |
| <b>Businesses using internet of things (IoT) (Transportation and storage, 10 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| <b>Businesses using internet of things (IoT) (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use internet of things in a given country.      |
| <b>Businesses using social media (Accommodation and food service activities, 10 or more)</b>                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.            |
| <b>Businesses using social media (Administrative and support service activities, 10 or more)</b>                         | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.            |
| <b>Businesses using social media (Construction, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.            |
| <b>Businesses using social media (Financial and insurance activities, 10 or more)</b>                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.            |
| <b>Businesses using social media (Information and communication, 10 or more)</b>   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.            |

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| <b>Businesses using social media<br/>(Manufacturing, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.      |
| <b>Businesses using social media<br/>(Professional, scientific and technical activities, 10 or more)</b>      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.      |
| <b>Businesses using social media (Real estate activities, 10 or more)</b>                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.      |
| <b>Businesses using social media<br/>(Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.      |
| <b>Businesses using social media<br/>(Total - all activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use social media in a given country. |
| <b>Businesses using social media<br/>(Total - all activities, 100 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use social media in a given country. |
| <b>Businesses using social media<br/>(Total - all activities, 250 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use social media in a given country. |
| <b>Businesses using social media<br/>(Total - all activities, 300 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use social media in a given country. |

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| <b>Businesses using social media<br/>(Total - all activities, From 10 to 49)</b>   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use social media in a given country.                                |
| <b>Businesses using social media<br/>(Total - all activities, From 100 to 299)</b>   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use social media in a given country.                                |
| <b>Businesses using social media<br/>(Total - all activities, From 50 to 249)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use social media in a given country.                                |
| <b>Businesses using social media<br/>(Transportation and storage, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.                                     |
| <b>Businesses using social media<br/>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b>                         | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use social media in a given country.                                     |
| <b>Businesses using the Internet to interact with public authorities<br/>(Accommodation and food service activities, 10 or more)</b>     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country. |
| <b>Businesses using the Internet to interact with public authorities<br/>(Administrative and support service activities, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country. |
| <b>Businesses using the Internet to interact with public authorities<br/>(Construction, 10 or more)</b>                                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country. |

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| Businesses using the Internet to interact with public authorities (Financial and insurance activities, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country.      |
| Businesses using the Internet to interact with public authorities (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country.      |
| Businesses using the Internet to interact with public authorities (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country.      |
| Businesses using the Internet to interact with public authorities (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country.      |
| Businesses using the Internet to interact with public authorities (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country.      |
| Businesses using the Internet to interact with public authorities (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country.      |
| Businesses using the Internet to interact with public authorities (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use the Internet to interact with public authorities in a given country. |

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| Businesses using the Internet to interact with public authorities<br>(Total - all activities, 250 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use the Internet to interact with public authorities in a given country.     |
| Businesses using the Internet to interact with public authorities<br>(Total - all activities, From 10 to 49)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use the Internet to interact with public authorities in a given country.     |
| Businesses using the Internet to interact with public authorities<br>(Total - all activities, From 50 to 249)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use the Internet to interact with public authorities in a given country.     |
| Businesses using the Internet to interact with public authorities<br>(Transportation and storage, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country.          |
| Businesses using the Internet to interact with public authorities<br>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more)                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to interact with public authorities in a given country.          |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities<br>(Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to issue/send invoices to public authorities in a given country. |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities<br>(Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to issue/send invoices to public authorities in a given country. |

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| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to issue/send invoices to public authorities in a given country.      |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to issue/send invoices to public authorities in a given country.      |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to issue/send invoices to public authorities in a given country.      |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to issue/send invoices to public authorities in a given country.      |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to issue/send invoices to public authorities in a given country.      |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use the Internet to issue/send invoices to public authorities in a given country. |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use the Internet to issue/send invoices to public authorities in a given country. |

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| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use the Internet to issue/send invoices to public authorities in a given country. |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that use the Internet to issue/send invoices to public authorities in a given country. |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to issue/send invoices to public authorities in a given country.      |
| Businesses using the Internet to issue/send invoices (electronic or paper) to public authorities (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that use the Internet to issue/send invoices to public authorities in a given country.      |
| Businesses which employ ICT specialists (Accommodation and food service activities, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that employ Information and Communication Technologies specialists in a given country.      |
| Businesses which employ ICT specialists (Administrative and support service activities, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that employ Information and Communication Technologies specialists in a given country.      |
| Businesses which employ ICT specialists (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that employ   |

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|   |                         | Information and<br>Communication Technologies<br>specialists in a given country.  |
| Businesses which employ ICT<br>specialists (Financial and<br>insurance activities, 10 or more)                        | Percentage (%) [0, 100] | Measures the proportion of<br>enterprises within a specific<br>industry sector and employee<br>size class that employ<br>Information and<br>Communication Technologies<br>specialists in a given country. |
| Businesses which employ ICT<br>specialists (Information and<br>communication, 10 or more)                             | Percentage (%) [0, 100] | Measures the proportion of<br>enterprises within a specific<br>industry sector and employee<br>size class that employ<br>Information and<br>Communication Technologies<br>specialists in a given country. |
| Businesses which employ ICT<br>specialists (Manufacturing, 10 or<br>more)   | Percentage (%) [0, 100] | Measures the proportion of<br>enterprises within a specific<br>industry sector and employee<br>size class that employ<br>Information and<br>Communication Technologies<br>specialists in a given country. |
| Businesses which employ ICT<br>specialists (Professional,<br>scientific and technical<br>activities, 10 or more)      | Percentage (%) [0, 100] | Measures the proportion of<br>enterprises within a specific<br>industry sector and employee<br>size class that employ<br>Information and<br>Communication Technologies<br>specialists in a given country. |
| Businesses which employ ICT<br>specialists (Real estate<br>activities, 10 or more)                                    | Percentage (%) [0, 100] | Measures the proportion of<br>enterprises within a specific<br>industry sector and employee<br>size class that employ<br>Information and<br>Communication Technologies<br>specialists in a given country. |
| Businesses which employ ICT<br>specialists (Retail trade, except<br>of motor vehicles and motorcycles,<br>10 or more) | Percentage (%) [0, 100] | Measures the proportion of<br>enterprises within a specific<br>industry sector and employee<br>size class that employ<br>Information and<br>Communication Technologies<br>specialists in a given country. |

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| Businesses which employ ICT specialists (Total - all activities, 10 or more)                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that employ Information and Communication Technologies specialists in a given country. |
| Businesses which employ ICT specialists (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that employ Information and Communication Technologies specialists in a given country. |
| Businesses which employ ICT specialists (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that employ Information and Communication Technologies specialists in a given country. |
| Businesses which employ ICT specialists (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that employ Information and Communication Technologies specialists in a given country. |
| Businesses which employ ICT specialists (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that employ Information and Communication Technologies specialists in a given country.      |
| Businesses which employ ICT specialists (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that employ Information and Communication Technologies specialists in a given country.      |
| Businesses which provided any type of training to develop ICT related   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee  |

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| skills for ICT specialists<br>(Accommodation and food service activities, 10 or more)   |                         | size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country.   |
| Businesses which provided any type of training to develop ICT related skills for ICT specialists<br>(Administrative and support service activities, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for ICT specialists<br>(Construction, 10 or more)                                  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for ICT specialists<br>(Financial and insurance activities, 10 or more)            | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for ICT specialists<br>(Information and communication, 10 or more)                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies   |

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|  |                         | related skills for Information and Communication Technologies specialists in a given country.   |
| <b>Businesses which provided any type of training to develop ICT related skills for ICT specialists (Manufacturing, 10 or more)</b>  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills for ICT specialists (Professional, scientific and technical activities, 10 or more)</b>      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills for ICT specialists (Real estate activities, 10 or more)</b>                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills for ICT specialists (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |

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| Businesses which provided any type of training to develop ICT related skills for ICT specialists (Total - all activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for ICT specialists (Total - all activities, 250 or more)    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for ICT specialists (Total - all activities, From 10 to 49)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for ICT specialists (Total - all activities, From 50 to 249) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for ICT specialists  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any   |

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| (Transportation and storage, 10 or more)  |                         | type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country.   |
| Businesses which provided any type of training to develop ICT related skills for ICT specialists (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)          | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for Information and Communication Technologies specialists in a given country.                      |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Accommodation and food service activities, 10 or more)     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Administrative and support service activities, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Construction, 10 or more)                                  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons   |

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|   |                         | employed not Information and Communication Technologies specialists in a given country.  |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Financial and insurance activities, 10 or more)                | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Information and communication, 10 or more)                     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Manufacturing, 10 or more)                                     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Professional, scientific and technical activities, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country. |

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| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country.      |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country.      |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that  |

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| specialists (Total - all activities, From 10 to 49)   |                         | provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country.  |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Total - all activities, From 50 to 249)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country. |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Transportation and storage, 10 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country.      |
| Businesses which provided any type of training to develop ICT related skills for persons employed not ICT specialists (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills for persons employed not Information and Communication Technologies specialists in a given country.      |
| Businesses which provided any type of training to develop ICT related skills of the persons employed (Accommodation and food service activities, 10 or more)                                  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies   |

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|   |                |          | related skills of the persons employed in a given country.   |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed<br/>(Administrative and support service activities, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed<br/>(Construction, 10 or more)</b>                                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed<br/>(Financial and insurance activities, 10 or more)</b>            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed<br/>(Information and communication, 10 or more)</b>                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed<br/>(Manufacturing, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies  |

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|  |                |          | related skills of the persons employed in a given country.  |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed (Professional, scientific and technical activities, 10 or more)</b>      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country.      |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed (Real estate activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country.      |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country.      |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed (Total - all activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed (Total - all activities, 250 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies  |

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|   |                |          | related skills of the persons employed in a given country.  |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed<br/>(Total - all activities, From 10 to 49)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed<br/>(Total - all activities, From 50 to 249)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country. |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed<br/>(Transportation and storage, 10 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country.      |
| <b>Businesses which provided any type of training to develop ICT related skills of the persons employed<br/>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that provided any type of training to develop Information and Communication Technologies related skills of the persons employed in a given country.      |
| <b>Businesses with a broadband connection includes both fixed and mobile (Accommodation and food service activities, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country.   |

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| Businesses with a broadband connection includes both fixed and mobile (Administrative and support service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and mobile (Construction, 10 or more)                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and mobile (Financial and insurance activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and mobile (Information and communication, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and mobile (Manufacturing, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and mobile (Professional, scientific and technical activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee   |

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| mobile (Real estate activities, 10 or more)  |                         | size class that have a broadband connection (both fixed and mobile) in a given country.  |
| Businesses with a broadband connection includes both fixed and mobile (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country.      |
| Businesses with a broadband connection includes both fixed and mobile (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and mobile (Total - all activities, 100 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and mobile (Total - all activities, 250 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and mobile (Total - all activities, 300 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| Businesses with a broadband connection includes both fixed and mobile (Total - all activities, From 10 to 49)                              | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband connection (both                                       |

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|  |                |          | fixed and mobile) in a given country.  |
| <b>Businesses with a broadband connection includes both fixed and mobile (Total - all activities, From 100 to 299)</b>                               | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| <b>Businesses with a broadband connection includes both fixed and mobile (Total - all activities, From 50 to 249)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband connection (both fixed and mobile) in a given country. |
| <b>Businesses with a broadband connection includes both fixed and mobile (Transportation and storage, 10 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country.      |
| <b>Businesses with a broadband connection includes both fixed and mobile (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband connection (both fixed and mobile) in a given country.      |
| <b>Businesses with a broadband download speed at least 1 Gbit/s (Accommodation and food service activities, 10 or more)</b>                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country.        |
| <b>Businesses with a broadband download speed at least 1 Gbit/s (Administrative and support service activities, 10 or more)</b>                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country.        |

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| Businesses with a broadband download speed at least 1 Gbit/s (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 1 Gbit/s (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 1 Gbit/s (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 1 Gbit/s (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 1 Gbit/s (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 1 Gbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 1 Gbit/s  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific   |

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| (Total - all activities, 10 or more)   |                         | employee size class that have a broadband download speed at least 1 Gbit/s in a given country.   |
| Businesses with a broadband download speed at least 1 Gbit/s<br>(Total - all activities, 250 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 1 Gbit/s<br>(Total - all activities, From 10 to 49)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 1 Gbit/s<br>(Total - all activities, From 50 to 249)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 1 Gbit/s<br>(Transportation and storage, 10 or more)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country.      |
| Businesses with a broadband download speed at least 1 Gbit/s<br>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more)          | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 1 Gbit/s in a given country.      |
| Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s<br>(Accommodation and food service activities, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at   |

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|  |                |          | least 10 Mbit/s but less than 30 Mbit/s in a given country.  |
| <b>Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s<br/>(Administrative and support service activities, 10 or more)</b>     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s<br/>(Construction, 10 or more)</b>                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s (Financial and insurance activities, 10 or more)</b>                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s<br/>(Information and communication, 10 or more)</b>                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s<br/>(Manufacturing, 10 or more)</b>                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s<br/>(Professional, scientific and technical activities, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |

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| Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country.      |
| Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country.      |
| Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s (Total - all activities, From 50 to 249)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 10 Mbit/s  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee   |

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| but less than 30 Mbit/s<br>(Transportation and storage, 10 or more)   |                         | size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country.   |
| Businesses with a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 10 Mbit/s but less than 30 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 100 Mbit/s (Accommodation and food service activities, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.                        |
| Businesses with a broadband download speed at least 100 Mbit/s (Administrative and support service activities, 10 or more)                                    | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.                        |
| Businesses with a broadband download speed at least 100 Mbit/s (Construction, 10 or more)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.                        |
| Businesses with a broadband download speed at least 100 Mbit/s (Financial and insurance activities, 10 or more)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.                        |
| Businesses with a broadband download speed at least 100 Mbit/s (Information and communication, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at   |

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|  |                |          | least 100 Mbit/s in a given country.   |
| <b>Businesses with a broadband download speed at least 100 Mbit/s (Manufacturing, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 100 Mbit/s (Professional, scientific and technical activities, 10 or more)</b>      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 100 Mbit/s (Real estate activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 100 Mbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 100 Mbit/s (Total - all activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 100 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 100 Mbit/s (Total - all activities, 250 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 100 Mbit/s in a given country. |

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| Businesses with a broadband download speed at least 100 Mbit/s (Total - all activities, From 10 to 49)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 100 Mbit/s in a given country.                     |
| Businesses with a broadband download speed at least 100 Mbit/s (Total - all activities, From 50 to 249)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 100 Mbit/s in a given country.                     |
| Businesses with a broadband download speed at least 100 Mbit/s (Transportation and storage, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.                          |
| Businesses with a broadband download speed at least 100 Mbit/s (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s in a given country.                          |
| Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 100 Mbit/s  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee  |

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| but less than 500 Mbit/s<br>(Construction, 10 or more)   |                         | size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country.   |
| Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s<br>(Information and communication, 10 or more)                       | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s<br>(Manufacturing, 10 or more)                                       | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s<br>(Professional, scientific and technical activities, 10 or more)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Real estate activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 100 Mbit/s but less                                |

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|  |                |          | than 500 Mbit/s in a given country.   |
| <b>Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Total - all activities, 250 or more)</b>                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Total - all activities, From 10 to 49)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Total - all activities, From 50 to 249)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Transportation and storage, 10 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 100 Mbit/s but less than 500 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at  |

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| (Accommodation and food service activities, 10 or more)   |                         | least 2 Mbit/s but less than 10 Mbit/s in a given country.  |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s<br>(Administrative and support service activities, 10 or more)     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s<br>(Construction, 10 or more)                                      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s (Financial and insurance activities, 10 or more)                   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s<br>(Information and communication, 10 or more)                     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s<br>(Manufacturing, 10 or more)                                     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s<br>(Professional, scientific and technical activities, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |

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| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country.      |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country.      |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s (Total - all activities, From 50 to 249)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 2 Mbit/s  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee  |

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| but less than 10 Mbit/s<br>(Transportation and storage, 10 or more)  |                         | size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country.   |
| Businesses with a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 2 Mbit/s but less than 10 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 30 Mbit/s (Accommodation and food service activities, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.                        |
| Businesses with a broadband download speed at least 30 Mbit/s (Administrative and support service activities, 10 or more)                                    | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.                        |
| Businesses with a broadband download speed at least 30 Mbit/s (Construction, 10 or more)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.                        |
| Businesses with a broadband download speed at least 30 Mbit/s (Financial and insurance activities, 10 or more)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.                        |
| Businesses with a broadband download speed at least 30 Mbit/s (Information and communication, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at  |

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|   |                |          | least 30 Mbit/s in a given country.   |
| <b>Businesses with a broadband download speed at least 30 Mbit/s (Manufacturing, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 30 Mbit/s (Professional, scientific and technical activities, 10 or more)</b>      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 30 Mbit/s (Real estate activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 30 Mbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 30 Mbit/s (Total - all activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 30 Mbit/s (Total - all activities, 250 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 30 Mbit/s in a given country. |

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| Businesses with a broadband download speed at least 30 Mbit/s<br>(Total - all activities, From 10 to 49)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 30 Mbit/s in a given country.                     |
| Businesses with a broadband download speed at least 30 Mbit/s<br>(Total - all activities, From 50 to 249)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 30 Mbit/s in a given country.                     |
| Businesses with a broadband download speed at least 30 Mbit/s<br>(Transportation and storage, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.                          |
| Businesses with a broadband download speed at least 30 Mbit/s<br>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more)              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s in a given country.                          |
| Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s<br>(Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s<br>(Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 30 Mbit/s   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee   |

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| but less than 100 Mbit/s<br>(Construction, 10 or more)  |                         | size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country.   |
| Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Financial and insurance activities, 10 or more)                     | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Information and communication, 10 or more)                          | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Manufacturing, 10 or more)  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Professional, scientific and technical activities, 10 or more)      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Real estate activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at  |

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|   |                |          | least 30 Mbit/s but less than 100 Mbit/s in a given country.   |
| <b>Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Total - all activities, 10 or more)</b>                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Total - all activities, 250 or more)</b>                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Total - all activities, From 10 to 49)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Total - all activities, From 50 to 249)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Transportation and storage, 10 or more)</b>                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country.      |
| <b>Businesses with a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 30 Mbit/s but less than 100 Mbit/s in a given country.      |

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| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s<br>(Accommodation and food service activities, 10 or more)         | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s<br>(Administrative and support service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s<br>(Construction, 10 or more)                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s (Information and communication, 10 or more)                        | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s<br>(Manufacturing, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s<br>(Professional, scientific and technical activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee  |

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| but less than 1 Gbit/s (Real estate activities, 10 or more)  |                         | size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country.  |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country.      |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s (Total - all activities, 250 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s (Total - all activities, From 10 to 49)                              | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s (Total - all activities, From 50 to 249)                             | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s (Transportation and storage, 10 or more)                             | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at  |

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|  |                |          | least 500 Mbit/s but less than 1 Gbit/s in a given country.  |
| <b>Businesses with a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed at least 500 Mbit/s but less than 1 Gbit/s in a given country. |
| <b>Businesses with a broadband download speed less than 2 Mbit/s (Accommodation and food service activities, 10 or more)</b>   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.                         |
| <b>Businesses with a broadband download speed less than 2 Mbit/s (Administrative and support service activities, 10 or more)</b>                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.                         |
| <b>Businesses with a broadband download speed less than 2 Mbit/s (Construction, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.                         |
| <b>Businesses with a broadband download speed less than 2 Mbit/s (Financial and insurance activities, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.                         |
| <b>Businesses with a broadband download speed less than 2 Mbit/s (Information and communication, 10 or more)</b>   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.                         |

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| Businesses with a broadband download speed less than 2 Mbit/s (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.      |
| Businesses with a broadband download speed less than 2 Mbit/s (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.      |
| Businesses with a broadband download speed less than 2 Mbit/s (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.      |
| Businesses with a broadband download speed less than 2 Mbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.      |
| Businesses with a broadband download speed less than 2 Mbit/s (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed less than 2 Mbit/s in a given country. |
| Businesses with a broadband download speed less than 2 Mbit/s (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed less than 2 Mbit/s in a given country. |
| Businesses with a broadband download speed less than 2 Mbit/s  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific   |

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| (Total - all activities, From 10 to 49)  |                         | employee size class that have a broadband download speed less than 2 Mbit/s in a given country.   |
| Businesses with a broadband download speed less than 2 Mbit/s<br>(Total - all activities, From 50 to 249)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed less than 2 Mbit/s in a given country. |
| Businesses with a broadband download speed less than 2 Mbit/s<br>(Transportation and storage, 10 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.      |
| Businesses with a broadband download speed less than 2 Mbit/s<br>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 2 Mbit/s in a given country.      |
| Businesses with a broadband download speed less than 30 Mbit/s<br>(Accommodation and food service activities, 10 or more)                | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country.     |
| Businesses with a broadband download speed less than 30 Mbit/s<br>(Administrative and support service activities, 10 or more)            | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country.     |
| Businesses with a broadband download speed less than 30 Mbit/s<br>(Construction, 10 or more)   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed   |

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|  |                |          | less than 30 Mbit/s in a given country.   |
| <b>Businesses with a broadband download speed less than 30 Mbit/s (Financial and insurance activities, 10 or more)</b>                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed less than 30 Mbit/s (Information and communication, 10 or more)</b>                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed less than 30 Mbit/s (Manufacturing, 10 or more)</b>  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed less than 30 Mbit/s (Professional, scientific and technical activities, 10 or more)</b>      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed less than 30 Mbit/s (Real estate activities, 10 or more)</b>                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |
| <b>Businesses with a broadband download speed less than 30 Mbit/s (Retail trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |

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| Businesses with a broadband download speed less than 30 Mbit/s<br>(Total - all activities, 10 or more)                                    | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |
| Businesses with a broadband download speed less than 30 Mbit/s<br>(Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |
| Businesses with a broadband download speed less than 30 Mbit/s<br>(Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |
| Businesses with a broadband download speed less than 30 Mbit/s<br>(Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a broadband download speed less than 30 Mbit/s in a given country. |
| Businesses with a broadband download speed less than 30 Mbit/s<br>(Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country.      |
| Businesses with a broadband download speed less than 30 Mbit/s<br>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a broadband download speed less than 30 Mbit/s in a given country.      |

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| Businesses with a mobile broadband connection (Accommodation and food service activities, 10 or more)         | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Administrative and support service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Construction, 10 or more)                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Financial and insurance activities, 10 or more)                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Information and communication, 10 or more)                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Manufacturing, 10 or more)                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Professional, scientific and technical activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country. |

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| Businesses with a mobile broadband connection (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country.      |
| Businesses with a mobile broadband connection (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country.      |
| Businesses with a mobile broadband connection (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Total - all activities, From 50 to 249)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a mobile broadband connection in a given country. |
| Businesses with a mobile broadband connection (Transportation and storage, 10 or more)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country.      |

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| Businesses with a mobile broadband connection (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a mobile broadband connection in a given country.                                    |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart) (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country. |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart) (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country. |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart) (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country. |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart) (Financial and insurance activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country. |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart) (Information and communication, 10 or more)                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country. |
| Businesses with a website allowing for online ordering or reservation   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website  |

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| or booking (e.g. shopping cart)<br>(Manufacturing, 10 or more)  |                         | allowing for online ordering or reservation or booking in a given country.   |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart)<br>(Professional, scientific and technical activities, 10 or more)      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country.      |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart)<br>(Real estate activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country.      |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart)<br>(Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country.      |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart)<br>(Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website allowing for online ordering or reservation or booking in a given country. |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart)<br>(Total - all activities, 250 or more)                                | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website allowing for online ordering or reservation or booking in a given country. |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart)<br>(Total - all activities, From 10 to 49)                              | Percentage (%) [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website allowing for online ordering or reservation or booking in a given country. |

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| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart) (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website allowing for online ordering or reservation or booking in a given country. |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart) (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country.      |
| Businesses with a website allowing for online ordering or reservation or booking (e.g. shopping cart) (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website allowing for online ordering or reservation or booking in a given country.      |
| Businesses with a website or home page (Accommodation and food service activities, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.  |
| Businesses with a website or home page (Administrative and support service activities, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.  |
| Businesses with a website or home page (Construction, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.  |
| Businesses with a website or home page (Financial and insurance activities, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.  |

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| Businesses with a website or home page (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.      |
| Businesses with a website or home page (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.      |
| Businesses with a website or home page (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.      |
| Businesses with a website or home page (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.      |
| Businesses with a website or home page (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.      |
| Businesses with a website or home page (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website or home page in a given country. |
| Businesses with a website or home page (Total - all activities, 100 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website or home page in a given country. |

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| Businesses with a website or home page (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website or home page in a given country. |
| Businesses with a website or home page (Total - all activities, 300 or more)                                   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website or home page in a given country. |
| Businesses with a website or home page (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website or home page in a given country. |
| Businesses with a website or home page (Total - all activities, From 100 to 299)                               | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website or home page in a given country. |
| Businesses with a website or home page (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a website or home page in a given country. |
| Businesses with a website or home page (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.      |
| Businesses with a website or home page (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a website or home page in a given country.      |

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| <b>Businesses with a wired or fixed wireless broadband connection<br/>(Accommodation and food service activities, 10 or more)</b>         | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country. |
| <b>Businesses with a wired or fixed wireless broadband connection<br/>(Administrative and support service activities, 10 or more)</b>     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country. |
| <b>Businesses with a wired or fixed wireless broadband connection<br/>(Construction, 10 or more)</b>                                      | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country. |
| <b>Businesses with a wired or fixed wireless broadband connection<br/>(Financial and insurance activities, 10 or more)</b>                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country. |
| <b>Businesses with a wired or fixed wireless broadband connection<br/>(Information and communication, 10 or more)</b>                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country. |
| <b>Businesses with a wired or fixed wireless broadband connection<br/>(Manufacturing, 10 or more)</b>                                     | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country. |
| <b>Businesses with a wired or fixed wireless broadband connection<br/>(Professional, scientific and technical activities, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country. |

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| Businesses with a wired or fixed wireless broadband connection (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country.      |
| Businesses with a wired or fixed wireless broadband connection (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country.      |
| Businesses with a wired or fixed wireless broadband connection (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a wired or fixed wireless broadband connection in a given country. |
| Businesses with a wired or fixed wireless broadband connection (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a wired or fixed wireless broadband connection in a given country. |
| Businesses with a wired or fixed wireless broadband connection (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a wired or fixed wireless broadband connection in a given country. |
| Businesses with a wired or fixed wireless broadband connection (Total - all activities, From 50 to 249)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class that have a wired or fixed wireless broadband connection in a given country. |
| Businesses with a wired or fixed wireless broadband connection (Transportation and storage, 10 or more)                             | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or  |

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|   |                         | fixed wireless broadband connection in a given country.  |
| <b>Businesses with a wired or fixed wireless broadband connection<br/>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class that have a wired or fixed wireless broadband connection in a given country.                              |
| <b>Businesses with formal policy to manage ICT privacy risks<br/>(Accommodation and food service activities, 10 or more)</b>                      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country. |
| <b>Businesses with formal policy to manage ICT privacy risks<br/>(Administrative and support service activities, 10 or more)</b>                  | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country. |
| <b>Businesses with formal policy to manage ICT privacy risks<br/>(Construction, 10 or more)</b>   | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country. |
| <b>Businesses with formal policy to manage ICT privacy risks (Financial and insurance activities, 10 or more)</b>                                 | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country. |
| <b>Businesses with formal policy to manage ICT privacy risks (Information and communication, 10 or more)</b>                                      | Percentage (%) [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country. |

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| Businesses with formal policy to manage ICT privacy risks<br>(Manufacturing, 10 or more)                                       | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country.      |
| Businesses with formal policy to manage ICT privacy risks<br>(Professional, scientific and technical activities, 10 or more)   | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country.      |
| Businesses with formal policy to manage ICT privacy risks (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country.      |
| Businesses with formal policy to manage ICT privacy risks (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country.      |
| Businesses with formal policy to manage ICT privacy risks (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country. |
| Businesses with formal policy to manage ICT privacy risks (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the proportion of enterprises within all industry sectors and a specific employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country. |

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| <b>Businesses with formal policy to manage ICT privacy risks (Total - all activities, From 10 to 49)</b>                                 | Percentage (%)    | [0, 100]                 | Measures the proportion of enterprises within all industry sectors and a specific employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country. |
| <b>Businesses with formal policy to manage ICT privacy risks (Total - all activities, From 50 to 249)</b>                                | Percentage (%)    | [0, 100]                 | Measures the proportion of enterprises within all industry sectors and a specific employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country. |
| <b>Businesses with formal policy to manage ICT privacy risks (Transportation and storage, 10 or more)</b>                                | Percentage (%)    | [0, 100]                 | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country.      |
| <b>Businesses with formal policy to manage ICT privacy risks (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)</b> | Percentage (%)    | [0, 100]                 | Measures the proportion of enterprises within a specific industry sector and employee size class with formal policy to manage Information and Communication Technologies privacy risks in a given country.      |
| <b>Net AI Talent Migration Per 10,000 LinkedIn Members (2023)</b>  | Ratio             | [0, $\infty$ )           | Measures the net flow of AI-skilled professionals into or out of a given country per 10,000 LinkedIn members, as reported in the 2023 snapshot.   |
| <b>Net AI Talent Migration Per 10,000 LinkedIn Members (2024)</b>  | Ratio             | ( $-\infty$ , $\infty$ ) | Measures the net flow of AI-skilled professionals into or out of a given country per 10,000 LinkedIn members, as reported in the 2024 snapshot.   |
| <b>Number Of Industrial Robots Installed (In Thousands) [2021 Annual Snapshot - 2023 Report]</b>   | Count (Thousands) | [0, $\infty$ )           | Measures the total number of new industrial robots (in thousands) installed within a given country specifically during the 2021 calendar year,  |

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|  |                   |        | as reported in the 2023 AI Index.  |
| Number Of Industrial Robots Installed (In Thousands) [2022 Annual Snapshot - 2024 Report]          | Count (Thousands) | [0, ∞) | Measures the total number of new industrial robots (in thousands) installed within a given country specifically during the 2022 calendar year, as reported in the 2024 AI Index. |
| Number Of Industrial Robots Installed (In Thousands) [2023 Annual Snapshot - 2025 Report]          | Count (Thousands) | [0, ∞) | Measures the total number of new industrial robots (in thousands) installed within a given country specifically during the 2023 calendar year, as reported in the 2025 AI Index. |
| Number Of Industrial Robots Installed (In Thousands) [Longitudinal 2011-22 - 2024 Report Snapshot] | Count (Thousands) | [0, ∞) | Measures the yearly installation counts of industrial robots (in thousands) in a given country across the 2011–2022 time series, as reported in the 2024 Index.                  |
| Number Of Industrial Robots Installed (In Thousands) [Longitudinal 2011-23 - 2025 Report Snapshot] | Count (Thousands) | [0, ∞) | Measures the yearly installation counts of industrial robots (in thousands) in a given country across the 2011–2023 time series, as reported in the 2025 Index.                  |
| Number Of Newly Funded AI Companies  | Count             | [0, ∞) | Measures the total count of AI-related enterprises that received their first or subsequent round of private funding in a given country.  |
| Number Of Newly Funded AI Companies [2022 Annual - 2023 Report Snapshot]                           | Count             | [0, ∞) | Measures the count of AI companies that received funding in a given country during the 2022 calendar year.   |
| Number Of Newly Funded AI Companies [2025 Report Methodology]                                      | Count             | [0, ∞) | Measures the count of newly funded AI companies in a given country using the revised tracking methodology introduced in the 2025 report.   |

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| <b>Number Of Newly Funded AI Companies [Cumulative 2013-2022 - 2023 Report Snapshot]</b>            | Count          | [0, ∞)   | Measures the total aggregate number of distinct AI companies that received funding in a given country between 2013 and 2022.   |
| <b>Number Of Newly Funded AI Companies, 2013-24</b>   | Count          | [0, ∞)   | Measures the count of AI companies that received funding in a given country during the 2013–2024 period.   |
| <b>Number Of Newly Funded AI Companies, 2024</b>  | Count          | [0, ∞)   | Measures the count of AI companies that received funding in a given country during the 2024 calendar year.   |
| <b>Number Of Newly Funded Companies</b>   | Count          | [0, ∞)   | Measures the count of all newly funded enterprises (general) in a given country.   |
| <b>Number Of Newly Funded Companies (2013-23)</b>   | Count          | [0, ∞)   | Measures the count of newly funded enterprises in a given country during the 2013–2023 period.   |
| <b>Number Of Professional Service Robot Manufacturers: Incumbents</b>                               | Count          | [0, ∞)   | Measures the count of established, non-startup companies in a given country that manufacture robots for professional service use.  |
| <b>Number Of Professional Service Robot Manufacturers: Startups</b>                                 | Count          | [0, ∞)   | Measures the count of newly formed startup companies in a given country that manufacture robots for professional service use.  |
| <b>Number Of Professional Service Robot Manufacturers: Unknown</b>                                  | Count          | [0, ∞)   | Measures the count of manufacturers of professional service robots in a given country whose corporate status (startup vs. incumbent) is not verified.                            |
| <b>Orders placed over computer networks (Accommodation and food service activities, 10 or more)</b> | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size |

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|  |                |          | class) that were placed via computer networks.  |
| Orders placed over computer networks (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via computer networks. |
| Orders placed over computer networks (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via computer networks. |
| Orders placed over computer networks (Information and communication, 10 or more)                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via computer networks. |
| Orders placed over computer networks (Manufacturing, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via computer networks. |
| Orders placed over computer networks (Real estate activities, 10 or more)                        | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via computer networks. |
| Orders placed over computer networks (Retail trade, except of                                    | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by   |

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| <b>motor vehicles and motorcycles, 10 or more)</b>                                   |                         | enterprises in a given country (within the specified industry sector and employee size class) that were placed via computer networks.   |
| <b>Orders placed over computer networks (Total - all activities, 10 or more)</b>     | Percentage (%) [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that were placed via computer networks. |
| <b>Orders placed over computer networks (Total - all activities, 250 or more)</b>    | Percentage (%) [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that were placed via computer networks. |
| <b>Orders placed over computer networks (Total - all activities, From 10 to 49)</b>  | Percentage (%) [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that were placed via computer networks. |
| <b>Orders placed over computer networks (Total - all activities, From 50 to 249)</b> | Percentage (%) [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that were placed via computer networks. |
| <b>Orders placed over computer networks (Transportation and storage, 10 or more)</b> | Percentage (%) [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via computer networks.   |

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| Orders placed over computer networks (Wholesale trade, except of motor vehicles and motorcycles, 10 or more)             | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via computer networks.                      |
| Orders placed through the internet by households/individuals (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Information and communication, 10 or more)                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |

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| Orders placed through the internet by households/individuals (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |

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| Orders placed through the internet by households/individuals (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |
| Orders placed through the internet by households/individuals (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by households/individuals. |

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| Orders placed through the internet by other enterprises and government (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by other enterprises and government. |
| Orders placed through the internet by other enterprises and government (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by other enterprises and government. |
| Orders placed through the internet by other enterprises and government (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by other enterprises and government. |
| Orders placed through the internet by other enterprises and government (Financial and insurance activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by other enterprises and government. |
| Orders placed through the internet by other enterprises and government (Information and communication, 10 or more)                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by other enterprises and government. |

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| Orders placed through the internet by other enterprises and government (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by other enterprises and government.   |
| Orders placed through the internet by other enterprises and government (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by other enterprises and government.   |
| Orders placed through the internet by other enterprises and government (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by other enterprises and government.   |
| Orders placed through the internet by other enterprises and government (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within the specified industry sector and employee size class) that were placed via the Internet by other enterprises and government.   |
| Orders placed through the internet by other enterprises and government (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that were placed via the Internet by other enterprises and government. |

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| Orders placed through the internet by other enterprises and government<br>(Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that were placed via the Internet by other enterprises and government. |
| Orders placed through the internet by other enterprises and government<br>(Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that were placed via the Internet by other enterprises and government. |
| Orders placed through the internet by other enterprises and government<br>(Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that were placed via the Internet by other enterprises and government. |
| Orders placed through the internet by other enterprises and government<br>(Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that were placed via the Internet by other enterprises and government.      |
| Orders placed through the internet by other enterprises and government<br>(Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total value of all purchases of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that were placed via the Internet by other enterprises and government.      |

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| Orders received over computer networks (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks. |
| Orders received over computer networks (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks. |
| Orders received over computer networks (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks. |
| Orders received over computer networks (Financial and insurance activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks. |
| Orders received over computer networks (Information and communication, 10 or more)                 | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks. |

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| Orders received over computer networks (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks.      |
| Orders received over computer networks (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks.      |
| Orders received over computer networks (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks.      |
| Orders received over computer networks (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks.      |
| Orders received over computer networks (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via computer networks. |

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| Orders received over computer networks (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via computer networks. |
| Orders received over computer networks (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via computer networks. |
| Orders received over computer networks (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via computer networks. |
| Orders received over computer networks (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks.      |
| Orders received over computer networks (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via computer networks.      |

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| Orders received through the Internet (Accommodation and food service activities, 10 or more)     | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet. |
| Orders received through the Internet (Administrative and support service activities, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet. |
| Orders received through the Internet (Construction, 10 or more)                                  | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet. |
| Orders received through the Internet (Financial and insurance activities, 10 or more)            | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet. |
| Orders received through the Internet (Information and communication, 10 or more)                 | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet. |
| Orders received through the Internet (Manufacturing, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet. |

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|   |                |          | class) that resulted from orders received via the Internet.   |
| Orders received through the Internet (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet.      |
| Orders received through the Internet (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet.      |
| Orders received through the Internet (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet.      |
| Orders received through the Internet (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via the Internet. |
| Orders received through the Internet (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via the Internet. |
| Orders received through the Internet (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by  |

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|  |                         | enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via the Internet.  |
| Orders received through the Internet (Total - all activities, From 50 to 249)                                | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via the Internet. |
| Orders received through the Internet (Transportation and storage, 10 or more)                                | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet.      |
| Orders received through the Internet (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via the Internet.      |
| Orders received via EDI-type messages (Accommodation and food service activities, 10 or more)                | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages. |
| Orders received via EDI-type messages (Administrative and support service activities, 10 or more)            | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages. |

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|   |                         | received via EDI-type messages.   |
| Orders received via EDI-type messages (Construction, 10 or more)                                      | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages. |
| Orders received via EDI-type messages (Information and communication, 10 or more)                     | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages. |
| Orders received via EDI-type messages (Manufacturing, 10 or more)                                     | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages. |
| Orders received via EDI-type messages (Professional, scientific and technical activities, 10 or more) | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages. |
| Orders received via EDI-type messages (Real estate activities, 10 or more)                            | Percentage (%) [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages. |

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|  |                |          | received via EDI-type messages.  |
| Orders received via EDI-type messages (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages.      |
| Orders received via EDI-type messages (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via EDI-type messages. |
| Orders received via EDI-type messages (Total - all activities, 250 or more)                                | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via EDI-type messages. |
| Orders received via EDI-type messages (Total - all activities, From 10 to 49)                              | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders received via EDI-type messages. |
| Orders received via EDI-type messages (Total - all activities, From 50 to 249)                             | Percentage (%) | [0, 100] | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within all industry sectors and a specific employee size class) that resulted from orders                                 |

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|   |                |           | received via EDI-type messages.   |
| Orders received via EDI-type messages (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100]  | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages.                         |
| Orders received via EDI-type messages (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100]  | Measures the percentage of the total turnover of all sales of goods and services made by enterprises in a given country (within a specific industry sector and employee size class) that resulted from orders received via EDI-type messages.                         |
| Percentage Change in AI Talent Concentration (2016-2023)  | Percentage (%) | [-100, ∞) | Measures the relative growth or decline in the share of AI-skilled professionals within the total workforce of a given country between the years 2016 and 2023.   |
| Percentage Change in AI Talent Concentration (2016-2024)  | Percentage (%) | [-100, ∞) | Measures the relative growth or decline in the share of AI-skilled professionals within the total workforce of a given country between the years 2016 and 2024.   |
| Percentage Of US AI Job Postings  | Percentage (%) | [0, 100]  | Measures the proportion of global AI-related job advertisements that are specifically located in the United States relative to a given country (when used for comparative benchmarking) or the share of a specific country's AI postings relative to the US baseline. |
| Persons employed regularly using a computer in their work   | Percentage (%) | [0, 100]  | Measures the share of workers in a given country who are employed by enterprises within   |

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| (Accommodation and food service activities, 10 or more)  |                         | a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties.   |
| Persons employed regularly using a computer in their work<br>(Administrative and support service activities, 10 or more)     | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed regularly using a computer in their work<br>(Construction, 10 or more)                                      | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed regularly using a computer in their work (Financial and insurance activities, 10 or more)                   | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed regularly using a computer in their work (Information and communication, 10 or more)                        | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed regularly using a computer in their work<br>(Manufacturing, 10 or more)                                     | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed regularly using a computer in their work<br>(Professional, scientific and technical activities, 10 or more) | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who  |

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|  |                         | utilize a computer as a regular part of their professional duties.   |
| Persons employed regularly using a computer in their work (Real estate activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties.      |
| Persons employed regularly using a computer in their work (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties.      |
| Persons employed regularly using a computer in their work (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed regularly using a computer in their work (Total - all activities, 250 or more)                                | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed regularly using a computer in their work (Total - all activities, From 10 to 49)                              | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed regularly using a computer in their work (Total - all activities, From 50 to 249)                             | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class  |

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|   |                         | and who utilize a computer as a regular part of their professional duties.  |
| Persons employed regularly using a computer in their work<br>(Transportation and storage, 10 or more)                             | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed regularly using a computer in their work (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer as a regular part of their professional duties. |
| Persons employed using a computer with internet access (Accommodation and food service activities, 10 or more)                    | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.                           |
| Persons employed using a computer with internet access<br>(Administrative and support service activities, 10 or more)             | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.                           |
| Persons employed using a computer with internet access (Construction, 10 or more)   | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.                           |
| Persons employed using a computer with internet access (Financial and insurance activities, 10 or more)                           | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.                           |

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| Persons employed using a computer with internet access (Information and communication, 10 or more)                          | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.      |
| Persons employed using a computer with internet access (Manufacturing, 10 or more)  | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.      |
| Persons employed using a computer with internet access (Professional, scientific and technical activities, 10 or more)      | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.      |
| Persons employed using a computer with internet access (Real estate activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.      |
| Persons employed using a computer with internet access (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.      |
| Persons employed using a computer with internet access (Total - all activities, 10 or more)                                 | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize a computer with Internet access. |

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| Persons employed using a computer with internet access (Total - all activities, 250 or more)                                   | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize a computer with Internet access. |
| Persons employed using a computer with internet access (Total - all activities, From 10 to 49)                                 | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize a computer with Internet access. |
| Persons employed using a computer with internet access (Total - all activities, From 50 to 249)                                | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize a computer with Internet access. |
| Persons employed using a computer with internet access (Transportation and storage, 10 or more)                                | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.      |
| Persons employed using a computer with internet access (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize a computer with Internet access.      |
| Persons employed using an Internet-enabled portable device (Accommodation and food service activities, 10 or more)             | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize an Internet-enabled portable device.  |
| Persons employed using an Internet-enabled portable device   | Percentage (%) | [0, 100] | Measures the share of workers in a given country who are employed by enterprises within  |

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| (Administrative and support service activities, 10 or more)  |                         | a specific industry sector and employee size class and who utilize an Internet-enabled portable device.   |
| Persons employed using an Internet-enabled portable device (Construction, 10 or more)                                      | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize an Internet-enabled portable device. |
| Persons employed using an Internet-enabled portable device (Financial and insurance activities, 10 or more)                | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize an Internet-enabled portable device. |
| Persons employed using an Internet-enabled portable device (Information and communication, 10 or more)                     | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize an Internet-enabled portable device. |
| Persons employed using an Internet-enabled portable device (Manufacturing, 10 or more)                                     | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize an Internet-enabled portable device. |
| Persons employed using an Internet-enabled portable device (Professional, scientific and technical activities, 10 or more) | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize an Internet-enabled portable device. |
| Persons employed using an Internet-enabled portable device (Real estate activities, 10 or more)                            | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who  |

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|---|-------------------------|--|
|   |                         | utilize an Internet-enabled portable device.   |
| Persons employed using an Internet-enabled portable device (Retail trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize an Internet-enabled portable device.      |
| Persons employed using an Internet-enabled portable device (Total - all activities, 10 or more)                                 | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize an Internet-enabled portable device. |
| Persons employed using an Internet-enabled portable device (Total - all activities, 250 or more)                                | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize an Internet-enabled portable device. |
| Persons employed using an Internet-enabled portable device (Total - all activities, From 10 to 49)                              | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize an Internet-enabled portable device. |
| Persons employed using an Internet-enabled portable device (Total - all activities, From 50 to 249)                             | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within all industry sectors and a specific employee size class and who utilize an Internet-enabled portable device. |
| Persons employed using an Internet-enabled portable device (Transportation and storage, 10 or more)                             | Percentage (%) [0, 100] | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and   |

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| Persons employed using an Internet-enabled portable device (Wholesale trade, except of motor vehicles and motorcycles, 10 or more) | Percentage (%) | [0, 100]       | employee size class and who utilize an Internet-enabled portable device.  |
| Private Investment In AI Focus Area: AR/VR (In Billions Of US Dollars)   | USD (Billions) | [0, $\infty$ ) | Measures the share of workers in a given country who are employed by enterprises within a specific industry sector and employee size class and who utilize an Internet-enabled portable device.                               |
| Private Investment In AI Focus Area: AV (In Billions Of US Dollars)  | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on augmented reality (AR) and virtual reality (VR) technologies in a given country. |
| Private Investment In AI Focus Area: Agritech (In Billions Of US Dollars)  | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on Agritech (agriculture technology) in a given country.                            |
| Private Investment In AI Focus Area: Cybersecurity, Data Protection (In Billions Of US Dollars)                                    | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on cybersecurity and data protection technologies in a given country.               |
| Private Investment In AI Focus Area: Data Management, Processing, Cloud (In Billions Of US Dollars)                                | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused   |

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|  |                |        | on data management, processing and cloud technologies in a given country.   |
| <b>Private Investment In AI Focus Area: Drones (In Billions Of US Dollars)</b>               | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on drone technologies in a given country.               |
| <b>Private Investment In AI Focus Area: Ed Tech (In Billions Of US Dollars)</b>              | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on EdTech (educational technology) in a given country.  |
| <b>Private Investment In AI Focus Area: Energy, Oil, and Gas (In Billions Of US Dollars)</b> | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on the energy, oil and gas industry in a given country. |
| <b>Private Investment In AI Focus Area: Entertainment (In Billions Of US Dollars)</b>        | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on the entertainment industry in a given country.       |
| <b>Private Investment In AI Focus Area: Facial Recognition (In Billions Of US Dollars)</b>   | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on facial recognition technologies in a given country.  |
| <b>Private Investment In AI Focus Area: Fintech (In Billions Of US Dollars)</b>              | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on Fintech in a given country.                          |

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| <b>Private Investment In AI Focus Area: Fitness and Wellness (In Billions Of US Dollars)</b>           | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on the fitness and wellness industry in a given country.              |
| <b>Private Investment In AI Focus Area: Geospatial (In Billions Of US Dollars)</b>                     | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on geospatial technologies in a given country.                        |
| <b>Private Investment In AI Focus Area: HR Tech (In Billions Of US Dollars)</b>                        | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on HR Tech in a given country.  |
| <b>Private Investment In AI Focus Area: Industrial Automation, Network (In Billions Of US Dollars)</b> | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on industrial automation and network technologies in a given country. |
| <b>Private Investment In AI Focus Area: Insurtech (In Billions Of US Dollars)</b>                      | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on Insurtech (insurance technology) in a given country.               |
| <b>Private Investment In AI Focus Area: Legal Tech (In Billions Of US Dollars)</b>                     | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on Legal Tech in a given country.                                     |

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| <b>Private Investment In AI Focus Area: Marketing, Digital Ads (In Billions Of US Dollars)</b> | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on the marketing and digital advertisement industry in a given country.                           |
| <b>Private Investment In AI Focus Area: Medical and Healthcare (In Billions Of US Dollars)</b> | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on the medical and healthcare industry in a given country.  |
| <b>Private Investment In AI Focus Area: Music, Video Content (In Billions Of US Dollars)</b>   | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on the music and video content industry in a given country.                                       |
| <b>Private Investment In AI Focus Area: NLP, Customer Support (In Billions Of US Dollars)</b>  | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on natural language processing technologies and the customer support industry in a given country. |
| <b>Private Investment In AI Focus Area: Retail (In Billions Of US Dollars)</b>                 | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on the retail industry in a given country.  |
| <b>Private Investment In AI Focus Area: Sales Enablement (In Billions Of US Dollars)</b>       | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on sales enablement technologies in a given country.  |

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| <b>Private Investment In AI Focus Area: Semiconductor (In Billions Of US Dollars)</b>   | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on semiconductor technologies in a given country.      |
| <b>Private Investment In AI Focus Area: Venture Capital (In Billions Of US Dollars)</b> | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies primarily focused on venture capital in a given country.                 |
| <b>Relative AI Hiring Index</b>   | Ratio          | [0, $\infty$ ) | Measures the proportion of professional job changes in a given country that involve individuals with AI skills, relative to a 2016 baseline (benchmark = 1.0).                                   |
| <b>Relative AI Hiring Index (Dec 2021)</b>  | Ratio          | [0, $\infty$ ) | Measures the proportion of professional job changes in a given country that involve individuals with AI skills during the month of December 2021, relative to a 2016 baseline (benchmark = 1.0). |
| <b>Relative AI Skill Penetration Rate, 2015–22</b>                                      | Ratio          | [0, $\infty$ ) | Measures the intensity of AI skills in a given country's workforce relative to the global average across the 2015–2022 period.   |
| <b>Relative AI Skill Penetration Rate, 2015–23</b>                                      | Ratio          | [0, $\infty$ ) | Measures the intensity of AI skills in a given country's workforce relative to the global average across the 2015–2023 period.   |
| <b>Relative AI Skill Penetration Rate, 2015–24</b>                                      | Ratio          | [0, $\infty$ ) | Measures the intensity of AI skills in a given country's workforce relative to the global average across the 2015–2024 period.   |

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| <b>Relative AI Skill Penetration Rate: Female</b>  | Ratio          | [0, ∞) | Measures the concentration of AI skills among female professionals in a given country relative to the global average.  |
| <b>Relative AI Skill Penetration Rate: Male</b>  | Ratio          | [0, ∞) | Measures the concentration of AI skills among male professionals in a given country relative to the global average.  |
| <b>Relative AI Skill Penetration, 2015–24: Female</b>                                      | Ratio          | [0, ∞) | Measures the concentration of AI skills among female professionals in a given country relative to the global average specifically during the 2015–2024 period.   |
| <b>Relative AI Skill Penetration, 2015–24: Male</b>  | Ratio          | [0, ∞) | Measures the concentration of AI skills among male professionals in a given country relative to the global average specifically during the 2015–2024 period.   |
| <b>Total Investment (In Billions Of US Dollars) [2024 Report Methodology]</b>              | USD (Billions) | [0, ∞) | Measures the total nominal dollar value of private investment in AI technologies in a given country, as calculated using the tracking methodology defined in the 2024 AI Index Report.   |
| <b>Total Investment (In Billions Of US Dollars) [2025 Report Methodology]</b>              | USD (Billions) | [0, ∞) | Measures the total nominal dollar value of private investment in AI technologies in a given country, as calculated using the updated tracking methodology defined in the 2025 AI Index Report.                                 |
| <b>Total Investment (In Billions Of US Dollars): AI infrastructure/research/governance</b> | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of AI infrastructure, research, and governance. |

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| Total Investment (In Billions Of US Dollars): AR/VR                          | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of AR/VR (augmented/virtual reality). |
| Total Investment (In Billions Of US Dollars): AV                             | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of AV (autonomous vehicles).          |
| Total Investment (In Billions Of US Dollars): Agritech                       | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of Agritech (agriculture technology). |
| Total Investment (In Billions Of US Dollars): Creative, music, video content | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of creative, music and video content. |
| Total Investment (In Billions Of US Dollars): Cybersecurity, data protection | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of cybersecurity and data protection. |
| Total Investment (In Billions Of US Dollars): Data management, processing    | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus  |

|  |                |   |
|--|----------------|---|
|  |                | area of data management and processing.   |
| Total Investment (In Billions Of US Dollars): Drones               | USD (Billions) | [0, $\infty$ )  |
|  |                | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of drones.                     |
| Total Investment (In Billions Of US Dollars): Ed tech              | USD (Billions) | [0, $\infty$ )  |
|  |                | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of EdTech.                     |
| Total Investment (In Billions Of US Dollars): Energy, oil, and gas | USD (Billions) | [0, $\infty$ )  |
|  |                | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of energy, oil and gas.        |
| Total Investment (In Billions Of US Dollars): Entertainment        | USD (Billions) | [0, $\infty$ )  |
|  |                | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of the entertainment industry. |
| Total Investment (In Billions Of US Dollars): Facial recognition   | USD (Billions) | [0, $\infty$ )  |
|  |                | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of facial recognition.         |
| Total Investment (In Billions Of US Dollars): Fintech              | USD (Billions) | [0, $\infty$ )  |
|  |                | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of Fintech.                    |

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| Total Investment (In Billions Of US Dollars): Fitness and wellness   | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of fitness and wellness.                |
| Total Investment (In Billions Of US Dollars): Hardware               | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of hardware.                            |
| Total Investment (In Billions Of US Dollars): Insurtech              | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of Insurtech (insurance technology).    |
| Total Investment (In Billions Of US Dollars): Legal tech             | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of Legal Tech.                          |
| Total Investment (In Billions Of US Dollars): Manufacturing          | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of manufacturing.                       |
| Total Investment (In Billions Of US Dollars): Marketing, digital ads | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of marketing and digital advertisement. |

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| Total Investment (In Billions Of US Dollars): Medical and healthcare | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of the medical and healthcare industry.  |
| Total Investment (In Billions Of US Dollars): NLP, customer support  | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of natural language processing technologies and the customer support industry. |
| Total Investment (In Billions Of US Dollars): Quantum computing      | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of quantum computing.  |
| Total Investment (In Billions Of US Dollars): Retail                 | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of the retail industry.  |
| Total Investment (In Billions Of US Dollars): Semiconductor          | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus area of the semiconductor industry.   |
| Total Investment (In Billions Of US Dollars): VC                     | USD (Billions) | [0, ∞) | Measures the total nominal dollar value (in billions of US dollars) of private capital invested in AI-related companies in a given country primarily focused on the focus   |

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|---|----------------|---------------------------------------|
|   |                | area of the venture capital industry. |
| Total Private Investment in AI (In Billions Of US Dollars) [2022 Annual Snapshot] | USD (Billions) | [0, ∞)                                |
| Total Private Investment in AI (In Billions Of US Dollars) [2023 Annual Snapshot] | USD (Billions) | [0, ∞)                                |
| Total Private Investment in AI (In Billions Of US Dollars) [2024 Annual Snapshot] | USD (Billions) | [0, ∞)                                |
| Total Private Investment in AI (In Billions Of US Dollars) [Cumulative 2013-2022] | USD (Billions) | [0, ∞)                                |
| Total Private Investment in AI (In Billions Of US Dollars) [Cumulative 2013-2023] | USD (Billions) | [0, ∞)                                |
| Total Private Investment in AI (In Billions Of US Dollars) [Cumulative 2013-2024] | USD (Billions) | [0, ∞)                                |

twelve-year period from 2013 to 2024.

|  |                |                |   |
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| <b>Total Private Investment in Generative AI (In Billions Of US Dollars) [2024 Report Methodology]</b> | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value of private investment specifically targeting generative AI technologies in a given country, using the tracking and classification methodology defined in the 2024 AI Index report.  |
| <b>Total Private Investment in Generative AI (In Billions Of US Dollars) [2025 Report Methodology]</b> | USD (Billions) | [0, $\infty$ ) | Measures the total nominal dollar value of private investment specifically targeting generative AI technologies in a given country, using the refined and updated tracking methodology defined in the 2025 AI Index report. |

## Part 3: Education

| Indicator Type  | Unit           | Data Range        | Original Definition   |
|---|----------------|-------------------|---|
| % Change Of New Informatics, CS, CE, And IT Bachelor's Graduate                           | Percentage (%) | [-100, $\infty$ ) | Measures the year-over-year percentage change in the number of new Informatics, Computer Science, Computer Engineering, and IT Bachelor's graduates in a given country.                         |
| % Change Of New Informatics, CS, CE, And IT Bachelor's Graduate (Per 100,000 Inhabitants) | Percentage (%) | [-100, $\infty$ ) | Measures the year-over-year percentage change in the number of new Informatics, Computer Science, Computer Engineering, and IT Bachelor's graduates per 100,000 inhabitants in a given country. |
| % Change Of New Informatics, CS, CE, And IT Master's Graduate                             | Percentage (%) | [-100, $\infty$ ) | Measures the year-over-year percentage change in the number of new Informatics, Computer Science, Computer Engineering, and IT Master's graduates in a given country.                           |
| % Change Of New Informatics, CS, CE, And IT Master's Graduate (Per 100,000 Inhabitants)   | Percentage (%) | [-100, $\infty$ ) | Measures the year-over-year percentage change in the number of new Informatics, Computer Science,   |

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|--|----------------|-----------|--|
|  |                |           | Computer Engineering, and IT Master's graduates per 100,000 inhabitants in a given country.  |
| % Change Of New Informatics, CS, CE, And IT PhD Graduate                           | Percentage (%) | [-100, ∞) | Measures the year-over-year percentage change in the number of new Informatics, Computer Science, Computer Engineering, and IT PhD graduates in a given country.                         |
| % Change Of New Informatics, CS, CE, And IT PhD Graduate (Per 100,000 Inhabitants) | Percentage (%) | [-100, ∞) | Measures the year-over-year percentage change in the number of new Informatics, Computer Science, Computer Engineering, and IT PhD graduates per 100,000 inhabitants in a given country. |
| % Public High Schools Teaching Foundational CS                                     | Percentage (%) | [0, 100]  | Measures the percentage of public secondary schools that include foundational computer science in their curriculum in a given country.   |
| New Informatics, CS, CE, And IT Bachelor's Graduates (Per 100,000 Inhabitants)     | Rate           | [0, ∞)    | Measures the total number of new Informatics, Computer Science, Computer Engineering, and IT Bachelor's graduates per 100,000 inhabitants in a given country.                            |
| New Informatics, CS, CE, And IT Master's Graduates (Per 100,000 Inhabitants)       | Rate           | [0, ∞)    | Measures the total number of new Informatics, Computer Science, Computer Engineering, and IT Master's graduates per 100,000 inhabitants in a given country.                              |
| New Informatics, CS, CE, And IT PhD Graduates (Per 100,000 Inhabitants)            | Rate           | [0, ∞)    | Measures the total number of new Informatics, Computer Science, Computer Engineering, and IT PhD graduates per 100,000 inhabitants in a given country.                                   |
| Number Of AI University Study Programs In English                                  | Count          | [0, ∞)    | Measures the total count of university-level study programs dedicated to artificial intelligence that are taught in English in a given country.  |
| Number Of AI University Study Programs In English (Per 100,000 Inhabitants)        | Rate           | [0, ∞)    | Measures the number of English-language AI university study programs per 100,000 inhabitants in a given country.   |

|   |                      |        |   |
|---|----------------------|--------|---|
| <b>Number Of International CS Master's Students (In Thousands)</b>    | Count<br>(Thousands) | [0, ∞) | Measures the total number of international students (expressed in thousands) enrolled in computer science Master's programs in a given country.           |
| <b>Number Of International CS PhD Students</b>                        | Count                | [0, ∞) | Measures the total count of international students enrolled in computer science doctoral programs in a given country.                                     |
| <b>Number Of New ICT Bachelor's Graduates</b>                         | Count                | [0, ∞) | Measures the total number of new Bachelor's degree graduates in Information and Communication Technologies in a given country.                            |
| <b>Number Of New ICT Master's Graduates</b>                           | Count                | [0, ∞) | Measures the total number of new Master's degree graduates in Information and Communication Technologies in a given country.                              |
| <b>Number Of New ICT PhD Graduates</b>                                | Count                | [0, ∞) | Measures the total number of new PhD graduates in Information and Communication Technologies in a given country.  |
| <b>Number Of New ICT Short-Cycle Tertiary Graduates</b>               | Count                | [0, ∞) | Measures the total number of new graduates from short-cycle tertiary programs in Information and Communication Technologies in a given country.           |
| <b>Number Of New Informatics, CS, CE, And IT Bachelor's Graduates</b> | Count                | [0, ∞) | Measures the total number of new graduates receiving Bachelor's degrees in Informatics, Computer Science, Computer Engineering, or IT in a given country. |
| <b>Number Of New Informatics, CS, CE, And IT Master's Graduates</b>   | Count                | [0, ∞) | Measures the total number of new graduates receiving Master's degrees in Informatics, Computer Science, Computer Engineering, or IT in a given country.   |
| <b>Number Of New Informatics, CS, CE, And IT PhD Graduates</b>        | Count                | [0, ∞) | Measures the total number of new graduates receiving PhD degrees in Informatics, Computer Science, Computer Engineering, or IT in a given country.        |

|  |                |          |   |
|--|----------------|----------|---|
| Share of Female ICT Graduates: Bachelor's  | Percentage (%) | [0, 100] | Measures the percentage of new Information and Communication Technologies Bachelor's graduates who are female in a given country.           |
| Share of Female ICT Graduates: Master's    | Percentage (%) | [0, 100] | Measures the percentage of new Information and Communication Technologies Master's graduates who are female in a given country.             |
| Share of Female ICT Graduates: PhD         | Percentage (%) | [0, 100] | Measures the percentage of new Information and Communication Technologies PhD graduates who are female in a given country.                  |
| Share of Female ICT Graduates: Short-cycle | Percentage (%) | [0, 100] | Measures the percentage of new Information and Communication Technologies short-cycle tertiary graduates who are female in a given country. |

## Part 4: Global AI Vibrancy Tool

| Indicator Type   | Unit          | Data Range | Original Definition  |
|--|---------------|------------|--|
| AI Hiring Index  | Ratio         | [0, ∞)     | Measures the relative intensity of AI-related hiring activity in a given country compared to total hiring, expressed as a ratio relative to the 2016 baseline. |
| AI Talent Concentration (Global AI Vibrancy Tool)                | Ratio         | [0, 1]     | Measures the prevalence of AI-skilled professionals as a share of the total professional workforce in a given country.   |
| AI Vibrancy Index Pillar Score: Economy (0-100)                  | Score (0-100) | [0, 100]   | Measures the normalized aggregate performance of the economic dimension of AI vibrancy on a 0-100 scale for a given country.                                   |
| AI Vibrancy Index Pillar Score: Research and Development (0-100) | Score (0-100) | [0, 100]   | Measures the normalized aggregate performance of the research and development dimension of AI vibrancy on a 0-100 scale for a given country.                   |
| AI Vibrancy Index Score: AI Hiring Index (0-100)                 | Score (0-100) | [0, 100]   | Measures the normalized score of AI-related hiring intensity on a 0-100 scale for a given country.   |

|   |               |          |   |
|---|---------------|----------|---|
| <b>AI Vibrancy Index Score: AI Talent Concentration (0-100)</b>       | Score (0-100) | [0, 100] | Measures the normalized score of AI talent concentration on a 0-100 scale for a given country.                                |
| <b>AI Vibrancy Index Score: Newly Funded Companies (0-100)</b>        | Score (0-100) | [0, 100] | Measures the normalized score of the number of newly funded AI companies on a 0-100 scale for a given country.                |
| <b>AI Vibrancy Index Score: Private Investment (0-100)</b>            | Score (0-100) | [0, 100] | Measures the normalized score of total private AI investment on a 0-100 scale for a given country.                            |
| <b>AI Vibrancy Index Score: Relative AI Skill Penetration (0-100)</b> | Score (0-100) | [0, 100] | Measures the normalized score of relative AI skill penetration in the workforce on a 0-100 scale for a given country.         |
| <b>AI Vibrancy Index Score: Total Conference Citations (0-100)</b>    | Score (0-100) | [0, 100] | Measures the normalized score of total citations received by AI conference publications on a 0-100 scale for a given country. |
| <b>AI Vibrancy Index Score: Total Conference Publications (0-100)</b> | Score (0-100) | [0, 100] | Measures the normalized score of the total number of AI conference publications on a 0-100 scale for a given country.         |
| <b>AI Vibrancy Index Score: Total Journal Citations (0-100)</b>       | Score (0-100) | [0, 100] | Measures the normalized score of total citations received by AI journal publications on a 0-100 scale for a given country.    |
| <b>AI Vibrancy Index Score: Total Journal Publications (0-100)</b>    | Score (0-100) | [0, 100] | Measures the normalized score of the total number of AI journal publications on a 0-100 scale for a given country.            |
| <b>AI Vibrancy Index Score: Total Patent Filings (0-100)</b>          | Score (0-100) | [0, 100] | Measures the normalized score of the total number of AI patent filings on a 0-100 scale for a given country.                  |
| <b>AI Vibrancy Index Score: Total Patent Grants (0-100)</b>           | Score (0-100) | [0, 100] | Measures the normalized score of the total number of AI patent grants on a 0-100 scale for a given country.                   |
| <b>AI Vibrancy Index Score: Total Repository Citations (0-100)</b>    | Score (0-100) | [0, 100] | Measures the normalized score of total citations received by AI repository publications on a 0-100 scale for a given country. |

|   |               |          |   |
|---|---------------|----------|---|
| <b>AI Vibrancy Index Score: Total Repository Publications (0-100)</b> | Score (0-100) | [0, 100] | Measures the normalized score of the total number of AI repository publications on a 0-100 scale for a given country.   |
| <b>AI Vibrancy Index Total Score (0-100)</b>                          | Score (0-100) | [0, 100] | Measures the overall composite normalized AI vibrancy score on a 0-100 scale for a given country.                       |
| <b>Number Of Newly Funded Companies</b>                               | Count         | [0, ∞)   | Measures the total count of AI-related companies that received private investment funding in a given country.           |
| <b>Number Of Total Conference Citations</b>                           | Count         | [0, ∞)   | Measures the total count of citations received by AI research published in conference proceedings from a given country. |
| <b>Number Of Total Conference Publications</b>                        | Count         | [0, ∞)   | Measures the total count of AI research papers published in conference proceedings from a given country.                |
| <b>Number Of Total Journal Citations</b>                              | Count         | [0, ∞)   | Measures the total count of citations received by AI research published in scientific journals from a given country.    |
| <b>Number Of Total Journal Publications</b>                           | Count         | [0, ∞)   | Measures the total count of AI research papers published in scientific journals from a given country.                   |
| <b>Number Of Total Patent Fillings</b>                                | Count         | [0, ∞)   | Measures the total count of AI-related patent applications submitted by entities in a given country.                    |
| <b>Number Of Total Patent Grants</b>                                  | Count         | [0, ∞)   | Measures the total count of AI-related patents officially granted to entities in a given country.                       |
| <b>Number Of Total Repository Citations</b>                           | Count         | [0, ∞)   | Measures the total count of citations received by AI research hosted on public repositories from a given country.       |
| <b>Number Of Total Repository Publications</b>                        | Count         | [0, ∞)   | Measures the total count of AI research papers hosted on public repositories from a given country.                      |
| <b>Relative AI Skill Penetration</b>                                  | Ratio         | [0, ∞)   | Measures the intensity of AI skills in the workforce relative to global or baseline averages in a given country.        |

|  |     |        |   |
|--|-----|--------|---|
| Total AI Private Investment<br>(Nominal USD) | USD | [0, ∞) | Measures the total nominal dollar amount of private investment capital directed toward AI companies in a given country. |
|--|-----|--------|---|

## Part 5: Policy and Governance

| Indicator Type  | Unit               | Data Range | Original Definition   |
|---|--------------------|------------|---|
| Median Public Spending<br>AI-Related Contract Value (In<br>Thousands Of US Dollars) | USD<br>(Thousands) | [0, ∞)     | Measures the median monetary value (in thousands of USD) of all government-awarded contracts for AI-related goods or services in a given country.               |
| Number Of AI Mentions   | Count              | [0, ∞)     | Measures the total frequency with which terms related to "Artificial Intelligence" appear in official legislative or parliamentary records in a given country.  |
| Number Of AI-Related Bills  | Count              | [0, ∞)     | Measures the total count of proposed legislative bills that specifically mention or address artificial intelligence in a given country.                         |
| Number Of AI-Related Bills<br>2016-22 (Sum)   | Count              | [0, ∞)     | Measures the total aggregate number of AI-related legislative bills introduced between 2016 and 2022 in a given country.  |
| Number Of AI-Related Bills<br>Passed Into Law                                       | Count              | [0, ∞)     | Measures the total count of AI-related legislative bills that have successfully completed the legislative process and been enacted into law in a given country. |
| Number of AI Mentions in<br>Legislative Proceedings (2022<br>Annual)                | Count              | [0, ∞)     | Measures the total count of AI-related mentions in official legislative transcripts specifically during the year 2022 in a given country.                       |
| Number of AI Mentions in<br>Legislative Proceedings (2023<br>Annual)                | Count              | [0, ∞)     | Measures the total count of AI-related mentions in official legislative transcripts specifically during the year 2023 in a given country.                       |
| Number of AI Mentions in<br>Legislative Proceedings (2024<br>Annual)                | Count              | [0, ∞)     | Measures the total count of AI-related mentions in official legislative transcripts specifically during the year 2024 in a given country.                       |

|   |                |        |   |
|---|----------------|--------|---|
| Number of AI Mentions in Legislative Proceedings (Cumulative 2016-2022) | Count          | [0, ∞) | Measures the total aggregate frequency of AI-related mentions in legislative records between 2016 and 2022 in a given country.                                  |
| Number of AI Mentions in Legislative Proceedings (Cumulative 2016-2023) | Count          | [0, ∞) | Measures the total aggregate frequency of AI-related mentions in legislative records between 2016 and 2023 in a given country.                                  |
| Number of AI Mentions in Legislative Proceedings (Cumulative 2016-2024) | Count          | [0, ∞) | Measures the total aggregate frequency of AI-related mentions in legislative records between 2016 and 2024 in a given country.                                  |
| Number of AI-Related Bills Passed Into Law (2023)                       | Count          | [0, ∞) | Measures the total count of AI-related bills officially enacted as law specifically during the year 2023 in a given country.                                    |
| Number of AI-Related Bills Passed Into Law (2024)                       | Count          | [0, ∞) | Measures the total count of AI-related bills officially enacted as law specifically during the year 2024 in a given country.                                    |
| Public Spending On AI-Related Contracts (In Millions Of US Dollars)     | USD (Millions) | [0, ∞) | Measures the total nominal amount of government funds (in millions of USD) allocated for AI-related procurement contracts in a given country.                   |
| Released National Strategy On AI  | Ratio          | [0, ∞) | A binary indicator (ratio) measuring whether a given country has officially published and released a formal national artificial intelligence strategy document. |
| Total Number of AI-Related Bills Passed Into Law (Cumulative 2016-2023) | Count          | [0, ∞) | Measures the total aggregate number of AI-related bills enacted as law since 2016 up through the end of 2023 in a given country.                                |
| Total Number of AI-Related Bills Passed Into Law (Cumulative 2016-2024) | Count          | [0, ∞) | Measures the total aggregate number of AI-related bills enacted as law since 2016 up through the end of 2024 in a given country.                                |
| Total Number of Public AI-Related Contracts                             | Count          | [0, ∞) | Measures the total count of distinct government procurement contracts awarded for AI-related projects in a given country.                                       |

|  |                 |                |  |
|--|-----------------|----------------|--|
| Total Public Spending On AI-Related Contracts (In Millions Of US Dollars)                          | USD (Millions)  | [0, $\infty$ ) | Measures the final aggregate nominal expenditure (in millions of USD) by the public sector on AI-related contracts in a given country.   |
| Total Public Spending On AI-Related Contracts Per 100,000 Inhabitants (In Thousands Of US Dollars) | USD (Thousands) | [0, $\infty$ ) | Measures the total public expenditure on AI-related contracts per 100,000 inhabitants (in thousands of USD) to show the relative scale of government AI investment in a given country. |

## Part 6: Public Opinion

| Indicator Type  | Unit           | Data Range | Original Definition   |
|---|----------------|------------|---|
| % Agreeing With Statement: I Have A Good Understanding Of What Artificial Intelligence Is                               | Percentage (%) | [0, 100]   | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Agreeing With Statement: I Know Which Types Of Products And Services Use Artificial Intelligence                      | Percentage (%) | [0, 100]   | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Agreeing With Statement: I Trust Artificial Intelligence To Not Discriminate Or Show Bias Towards Any Group Of People | Percentage (%) | [0, 100]   | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Agreeing With Statement: I Trust Companies That Use Artificial Intelligence As Much As I Trust Other Companies        | Percentage (%) | [0, 100]   | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Agreeing With Statement: I Trust That Companies That Use Artificial Intelligence Will Protect My Personal Data        | Percentage (%) | [0, 100]   | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |

|   |                            |   |
|---|----------------------------|---|
| % Agreeing With Statement:<br>Products And Services Using Artificial Intelligence Have More Benefits Than Drawbacks                           | Percentage (%) [0, 100]    | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Agreeing With Statement:<br>Products And Services Using Artificial Intelligence Have Profoundly Changed My Daily Life In The Past 3-5 Years | Percentage (%) [0, 100]    | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Agreeing With Statement:<br>Products And Services Using Artificial Intelligence Make Me Excited   | Percentage (%) [0, 100]    | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Agreeing With Statement:<br>Products And Services Using Artificial Intelligence Make Me Nervous   | Percentage (%) [0, 100]    | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Agreeing With Statement:<br>Products And Services Using Artificial Intelligence Make My Life Easier   | Percentage (%) [0, 100]    | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Agreeing With Statement:<br>Products And Services Using Artificial Intelligence Will Profoundly Change My Daily Life In The Next 3-5 Years  | Percentage (%) [0, 100]    | Measures the percentage of survey respondents in a given country who expressed agreement with the specified statement regarding their understanding of, trust in, or feelings toward artificial intelligence. |
| % Point Change 2022-23 of Statement: I Have A Good Understanding Of What Artificial Intelligence Is   | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years.  |

|  |                            |  |
|--|----------------------------|--|
| % Point Change 2022-23 of Statement: I Know Which Types Of Products And Services Use Artificial Intelligence   | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2022-23 of Statement: I Trust Companies That Use Artificial Intelligence As Much As I Trust Other Companies                           | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2022-23 of Statement: Products And Services Using Artificial Intelligence Have More Benefits Than Drawbacks                           | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2022-23 of Statement: Products And Services Using Artificial Intelligence Have Profoundly Changed My Daily Life In The Past 3-5 Years | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2022-23 of Statement: Products And Services Using Artificial Intelligence Make Me Nervous   | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2022-23 of Statement: Products And Services Using Artificial Intelligence Will Profoundly Change My Daily Life In The Next 3-5 Years  | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2022-24 of Statement: I Have A Good Understanding Of What Artificial Intelligence Is  | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |

|  |                            |  |
|--|----------------------------|--|
| % Point Change 2022-24 of Statement: I Know Which Types Of Products And Services Use Artificial Intelligence   | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2022-24 of Statement: Products And Services Using Artificial Intelligence Have Profoundly Changed My Daily Life In The Past 3-5 Years | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2022-24 of Statement: Products And Services Using Artificial Intelligence Make Me Nervous   | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2022-24 of Statement: Products And Services Using Artificial Intelligence Will Profoundly Change My Daily Life In The Next 3-5 Years  | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2023-24 of Statement: I Have A Good Understanding Of What Artificial Intelligence Is  | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2023-24 of Statement: I Know Which Types Of Products And Services Use Artificial Intelligence   | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |
| % Point Change 2023-24 of Statement: I Trust Artificial Intelligence To Not Discriminate Or Show Bias Toward Any Group Of People                     | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |

|  |                            |  |   |
|--|----------------------------|--|---|
| % Point Change 2023-24 of Statement: I Trust That Companies That Use Artificial Intelligence Will Protect My Personal Data                           | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |   |
| % Point Change 2023-24 of Statement: Products And Services Using Artificial Intelligence Have Profoundly Changed My Daily Life In The Past 3-5 Years | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |   |
| % Point Change 2023-24 of Statement: Products And Services Using Artificial Intelligence Make Me Excited   | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |   |
| % Point Change 2023-24 of Statement: Products And Services Using Artificial Intelligence Make Me Nervous   | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |   |
| % Point Change 2023-24 of Statement: Products And Services Using Artificial Intelligence Will Profoundly Change My Daily Life In The Next 3-5 Years  | Percentage (%) [-100, 100] | Measures the absolute increase or decrease in the percentage of respondents in a given country who agree with the specified statement between the two indicated years. |   |
| Ratio Of 'Mostly Help'/'Mostly Harm'   | Ratio                      | [0, $\infty$ )   | Measures the relative balance of public opinion in a given country regarding whether artificial intelligence will primarily benefit or damage society over the next 20 years. |

## Part 7: Research and Development

| Indicator Type                                  | Unit                    | Data Range | Original Definition  |
|---|-------------------------|------------|--|
| AI Projects (% Of Total) [2023 Report Snapshot] | Percentage (%) [0, 100] |            | Measures the percentage of total software projects on public repositories (primarily GitHub) |

|  |                |          |  |
|--|----------------|----------|--|
|  |                |          | attributed to developers in a given country that are AI-related, as reported in 2023.  |
| AI Projects (% Of Total) [2024 Report Snapshot]              | Percentage (%) | [0, 100] | Measures the percentage of total software projects on public repositories (primarily GitHub) attributed to developers in a given country that are AI-related, as reported in 2024.         |
| AI Publications (% Of Total): Education                      | Percentage (%) | [0, 100] | Measures the share of total research papers in a given country produced by a specific sector (education) that are focused on artificial intelligence.                                      |
| AI Publications (% Of Total): Government                     | Percentage (%) | [0, 100] | Measures the share of total research papers in a given country produced by a specific sector (government) that are focused on artificial intelligence.                                     |
| AI Publications (% Of Total): Industry                       | Percentage (%) | [0, 100] | Measures the share of total research papers in a given country produced by a specific sector (industry) that are focused on artificial intelligence.                                       |
| AI Publications (% Of Total): Nonprofit                      | Percentage (%) | [0, 100] | Measures the share of total research papers in a given country produced by a specific sector (nonprofit) that are focused on artificial intelligence.                                      |
| Authors Of Large Language And Multimodal Models (% Of Total) | Percentage (%) | [0, 100] | Measures the percentage of global creators of specific frontier AI models who are affiliated with institutions in a given country.   |
| Field Weighted Citation Impact: All                          | Ratio          | [0, ∞)   | Measures the overall relative scientific impact of all AI research publications produced in a given country compared to the global average (global mean = 1.0).                            |
| Field Weighted Citation Impact: Institutional                | Ratio          | [0, ∞)   | Measures the relative scientific impact of AI research papers where all authors belong to the same institution within a given country, compared to the global average (global mean = 1.0). |

|   |                |          |  |
|---|----------------|----------|--|
| Field Weighted Citation Impact: International               | Ratio          | [0, ∞)   | Measures the relative scientific impact of AI research papers involving international co-authorship between researchers in a given country and those in other countries, compared to the global average (global mean = 1.0). |
| Field Weighted Citation Impact: National                    | Ratio          | [0, ∞)   | Measures the relative scientific impact of AI research papers involving co-authors from different institutions within a given country (domestic collaboration), compared to the global average (global mean = 1.0).          |
| Field Weighted Citation Impact: Single_Author               | Ratio          | [0, ∞)   | Measures the relative scientific impact of AI research papers authored by a single individual from a given country, compared to the global average (global mean = 1.0).  |
| Granted AI Patents (% Of World Total)                       | Percentage (%) | [0, 100] | Measures the percentage of all globally granted AI patents that were awarded to inventors or entities located in a given country.  |
| Granted AI Patents (Per 100,000 Inhabitants)                | Rate           | [0, ∞)   | Measures the per-capita intensity of AI innovation by tracking the number of granted AI patents per 100,000 inhabitants of a given country.  |
| Granted AI Patents Per 100,000 Inhabitants By Country, 2023 | Rate           | [0, ∞)   | Measures the per-capita intensity of AI innovation in a given country for the year 2023, calculated as the number of granted AI patents per 100,000 inhabitants of a given country.  |
| Number Of AI Authors (Conference Publications)              | Count          | [0, ∞)   | Measures the total number of unique individuals from a given country who have authored AI research papers published in peer-reviewed conference proceedings.   |
| Number Of AI Authors (Journal)                              | Count          | [0, ∞)   | Measures the total number of unique individuals from a given country who have authored AI research papers published in scientific journals.  |

|   |                   |        |   |
|---|-------------------|--------|---|
| <b>Number Of AI Authors<br/>(Repository)</b>                                  | Count             | [0, ∞) | Measures the total number of unique individuals from a given country who have authored AI research papers hosted on public preprint repositories (such as arXiv).                                       |
| <b>Number Of AI Patent Filings (In Thousands): Granted</b>                    | Count (Thousands) | [0, ∞) | Measures the total volume (in thousands) of AI-related patent applications from a given country that have been officially approved and granted by patent offices.                                       |
| <b>Number Of AI Patent Filings (In Thousands): Not granted</b>                | Count (Thousands) | [0, ∞) | Measures the total volume (in thousands) of AI-related patent applications from a given country that were filed but have not yet been granted (including pending, rejected, or withdrawn applications). |
| <b>Number Of AI Publications: All</b>   | Count             | [0, ∞) | Measures the total aggregate count of all AI-related research publications (journals, conferences, and repositories) produced in a given country.   |
| <b>Number Of AI Publications: Institutional</b>                               | Count             | [0, ∞) | Measures the count of AI research publications where all co-authors belong to the same institution within a given country.  |
| <b>Number Of AI Publications: International</b>                               | Count             | [0, ∞) | Measures the count of AI research publications involving collaboration between authors in a given country and authors in at least one other country.  |
| <b>Number Of AI Publications: National</b>                                    | Count             | [0, ∞) | Measures the count of AI research publications involving collaboration between authors from different institutions, all of which are located within a given country.                                    |
| <b>Number Of AI Publications: Single_Author</b>                               | Count             | [0, ∞) | Measures the count of AI research publications authored by a single individual located in a given country.  |
| <b>Number Of Cumulative Github Stars (In Millions) [2023 Report Snapshot]</b> | Count (Millions)  | [0, ∞) | Measures the total aggregate number of "stars" (in millions) received by all AI-related GitHub projects from  |

|   |                  |        |   |
|---|------------------|--------|---|
|   |                  |        | developers in a given country, as recorded in the 2023 report.  |
| <b>Number Of Cumulative Github Stars (In Millions) [2024 Report Snapshot]</b> | Count (Millions) | [0, ∞) | Measures the total aggregate number of "stars" (in millions) received by all AI-related GitHub projects from developers in a given country, as recorded in the 2024 report. |
| <b>Number Of Foundation Models</b>  | Count            | [0, ∞) | Measures the total count of high-capacity AI "foundation" models (large-scale models adaptable to many tasks) that originated from organizations based in a given country.  |
| <b>Number Of Highly Cited Publications In Top 100: Sector 1</b>               | Count            | [0, ∞) | Measures the count of AI research papers from a given country that rank in the global top 100 most-cited publications, specifically originating from the Education sector.  |
| <b>Number Of Highly Cited Publications In Top 100: Sector 2</b>               | Count            | [0, ∞) | Measures the count of AI research papers from a given country that rank in the global top 100 most-cited publications, specifically originating from the Government sector. |
| <b>Number Of Highly Cited Publications In Top 100: Sector 3</b>               | Count            | [0, ∞) | Measures the count of AI research papers from a given country that rank in the global top 100 most-cited publications, specifically originating from the Industry sector.   |
| <b>Number Of Machine Learning Systems</b>                                     | Count            | [0, ∞) | Measures the total count of distinct machine learning systems developed by entities headquartered in a given country.   |
| <b>Number Of Machine Learning Systems 2002-22 (Sum)</b>                       | Count            | [0, ∞) | Measures the total aggregate number of machine learning systems developed in a given country over the cumulative period from 2002 to 2022.                                  |
| <b>Number Of Notable Machine Learning Models In 2023</b>                      | Count            | [0, ∞) | Measures the count of high-impact or state-of-the-art machine learning models released in a given country during the year 2023.   |

|  |                |                   |  |
|--|----------------|-------------------|--|
| <b>Number Of Notable Machine Learning Models In 2024</b>   | Count          | [0, $\infty$ )    | Measures the count of high-impact or state-of-the-art machine learning models released in a given country during the year 2024.                                      |
| <b>Number Of Notable Machine Learning Models, 2003-24 (Sum)</b>                                  | Count          | [0, $\infty$ )    | Measures the total cumulative count of high-impact machine learning models produced in a given country between 2003 and 2024.  |
| <b>Number Of Significant Machine Learning Systems</b>  | Count          | [0, $\infty$ )    | Measures the count of AI systems in a given country that meet specific technical "significance" criteria, such as breakthrough performance or high training compute. |
| <b>Percentage Change Of Granted AI Patents Per 100,000 Inhabitants By Country, 2012 Vs. 2022</b> | Percentage (%) | [-100, $\infty$ ) | Measures the relative percentage growth or decline in the per-capita rate of granted AI patents in a given country between the years 2012 and 2022.                  |
| <b>Percentage Change Of Granted AI Patents Per 100,000 Inhabitants By Country, 2013 Vs. 2023</b> | Percentage (%) | [-100, $\infty$ ) | Measures the relative percentage growth or decline in the per-capita rate of granted AI patents in a given country between the years 2013 and 2023.                  |
| <b>arXiv AI Publications: Artificial Intelligence</b>  | Count          | [0, $\infty$ )    | Measures the count of research papers submitted to the 'cs.AI' category of the arXiv repository by authors in a given country.                                       |
| <b>arXiv AI Publications: Computation And Language</b>   | Count          | [0, $\infty$ )    | Measures the count of research papers submitted to the 'cs.CL' (Natural Language Processing) category of the arXiv repository by authors in a given country.         |
| <b>arXiv AI Publications: Computer Vision</b>  | Count          | [0, $\infty$ )    | Measures the count of research papers submitted to the 'cs.CV' category of the arXiv repository by authors in a given country.                                       |
| <b>arXiv AI Publications: Machine Learning (CS.Lg)</b>   | Count          | [0, $\infty$ )    | Measures the count of research papers submitted to the 'cs.LG' (Computer Science - Machine Learning) category of the arXiv repository by authors in a given country. |

|  |       |        |  |
|--|-------|--------|--|
| arXiv AI Publications: Machine Learning (Stat.ML)        | Count | [0, ∞) | Measures the count of research papers submitted to the 'stat.ML' (Statistics - Machine Learning) category of the arXiv repository by authors in a given country. |
| arXiv AI Publications: Neural And Evolutionary Computing | Count | [0, ∞) | Measures the count of research papers submitted to the 'cs.NE' category of the arXiv repository by authors in a given country.                                   |
| arXiv AI Publications: Robotics                          | Count | [0, ∞) | Measures the count of research papers submitted to the 'cs.RO' category of the arXiv repository by authors in a given country.                                   |
| arXiv AI Publications: Total                             | Count | [0, ∞) | Measures the total combined count of AI-related research papers across all technical categories submitted to the arXiv repository by authors in a given country. |

## Part 8: Responsible AI

| Indicator Type  | Unit  | Data Range | Original Definition   |
|---|-------|------------|---|
| Alignment of National AI Strategy with OECD AI Principles (Cosine Similarity Score) | Score | [0, 1]     | Measures the linguistic and thematic similarity (ranging from 0 to 1) between the national AI strategy of a given country and the established OECD AI Principles.   |
| COEFFICIENTS: Government Actions  | Count | [0, 1]     | Measures the statistical weight or adjustment factor that accounts for the effectiveness of active government initiatives and implementations in a given country regarding responsible AI.                  |
| COEFFICIENTS: Government Frameworks   | Count | [0, 1]     | Measures the statistical weight or adjustment factor that accounts for the presence and robustness of legal and policy frameworks in a given country for responsible AI.                                    |
| COEFFICIENTS: Non-state Actors  | Count | [0, 1]     | Measures the statistical weight or adjustment factor that accounts for the enabling environment and impact of civil society, academia, and private entities in a given country on responsible AI practices. |

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|--|---------------|----------|--|
| DIMENSION SCORES: Human Rights and AI                    | Score         | [0, 100] | Measures the extent to which a given country takes steps to protect, promote, and respect fundamental human rights implicated by AI, such as privacy, equality, and freedom.                                 |
| DIMENSION SCORES: Responsible AI Capacities              | Score         | [0, 100] | Measures the availability and promotion of key state competencies, investments, and institutional resources required for a given country to meaningfully advance responsible AI agendas.                     |
| DIMENSION SCORES: Responsible AI Governance              | Score         | [0, 100] | Measures the degree to which country-level regimes in a given country establish and implement effective governance tools, such as enabling policies and the rule of law, to uphold responsible AI practices. |
| Number Of Responsible AI (RAI) Papers Accepted (2019-24) | Count         | [0, ∞)   | Measures the total count of research papers focused on ethics, fairness, and accountability in AI from authors in a given country that were accepted at leading AI conferences between 2019 and 2024.        |
| Number Of Responsible AI (RAI) Submissions               | Count         | [0, ∞)   | Measures the total number of research papers addressing the ethics and social implications of AI submitted by researchers in a given country to academic venues.   |
| PILLAR SCORES: Government Actions                        | Score         | [0, 100] | Measures the normalized score (0-100) based on evidence of specific initiatives and implementation efforts by the government of a given country to promote responsible AI.                                   |
| PILLAR SCORES: Government Frameworks                     | Score         | [0, 100] | Measures the normalized score (0-100) based on evidence of laws, regulations, and official guidelines adopted by the government of a given country to govern AI.   |
| PILLAR SCORES: Non-state Actors (0-100)                  | Score (0-100) | [0, 100] | Measures the normalized score (0-100) based on evidence of initiatives and active participation from actors outside the government in a given country, including universities and private sector entities.   |
| The Global Index on Responsible AI Score                 | Score         | [0, 100] | Measures the overall composite performance score (0-100) of a given country across all dimensions and pillars of responsible AI practices and governance.  |

## Part 9: Economic/Strategic

| <b>Indicator Type</b>                 | <b>Unit</b> | <b>Data Range</b> | <b>Original Definition</b>  |
|---------------------------------------|-------------|-------------------|---|
| AI Index: Commercial Score            | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Commercial, including AI startups and private investment.           |
| AI Index: Development Score           | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Development.  |
| AI Index: Government Strategy Score   | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Government Strategy.  |
| AI Index: Infrastructure Score        | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Infrastructure, including computing power and internet reliability. |
| AI Index: Intensity Score             | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Intensity.  |
| AI Index: Operating Environment Score | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Operating Environment.  |
| AI Index: Overall Score               | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Overall.  |
| AI Index: Research Score              | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Research, including AI-related publications and citations.          |
| AI Index: Scale Score                 | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Scale.  |
| AI Index: Talent Score                | Score       | [0, 100]          | Normalized pillar score (0-100) assessing a country's relative global standing in Talent, including AI practitioners and skilled workforce.           |

## **Part 10: Economic/Technological**

| <b>Indicator Type</b> | <b>Unit</b> | <b>Data Range</b> | <b>Original Definition</b> |
|-----------------------|-------------|-------------------|----------------------------|
|-----------------------|-------------|-------------------|----------------------------|

|  |                |                |  |
|--|----------------|----------------|--|
| National AI Company Compute Spend (USD)      | USD (Billions) | [0, $\infty$ ) | Total compute spending (USD) by AI companies headquartered in the country, indicating national AI industry investment in computational resources.                      |
| National AI Company Private Investment (USD) | USD (Billions) | [0, $\infty$ ) | Total private investment (USD) received by AI companies headquartered in the country, indicating venture capital and private equity funding in the national AI sector. |
| National AI Company Revenue (USD)            | USD (Billions) | [0, $\infty$ ) | Total revenue (USD) generated by AI companies headquartered in the country, indicating the economic scale of the national AI industry.                                 |
| National AI Company Workforce Size           | Count          | [0, $\infty$ ) | Total number of employees across AI companies headquartered in the country, indicating the size of the national AI industry workforce.                                 |
| National AI Product User Base                | Count          | [0, $\infty$ ) | Total number of users of AI products developed by companies headquartered in the country, indicating the reach and adoption of national AI products.                   |

## Part 11: Governance/Digital Infrastructure

| Indicator Type  | Unit  | Data Range | Original Definition   |
|---|-------|------------|---|
| WB GovTech: Core Government Systems Index (CGSI)        | Score | [0, 100]   | Normalized index (0-100) assessing core government systems infrastructure, including digital identity, registries, and foundational platforms for AI-enabled public services. |
| WB GovTech: Digital Citizen Engagement Index (DCEI)     | Score | [0, 100]   | Normalized index (0-100) assessing digital citizen engagement capabilities, including online participation platforms and feedback mechanisms for AI governance.               |
| WB GovTech: Government Technology Enablers Index (GTEI) | Score | [0, 100]   | Normalized index (0-100) assessing government technology enablers, including policy frameworks, digital skills, and innovation ecosystems supporting AI adoption.             |
| WB GovTech: Overall Maturity Index (GTMI)               | Score | [0, 100]   | Normalized composite index (0-100) assessing overall GovTech maturity across core systems, service delivery, and citizen engagement dimensions.                               |

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|--|-------|----------|---|
| WB GovTech: Public Service Delivery Index (PSDI) | Score | [0, 100] | Normalized index (0-100) assessing public service delivery digitalization, including online service portals and automated service delivery systems. |
|--|-------|----------|---|

## Part 12: Human Capital

| Indicator Type  | Unit  | Data Range     | Original Definition   |
|---|-------|----------------|---|
| Total Top-Tier AI Researchers (Graduate Study Location) | Count | [0, $\infty$ ) | Count of top-tier AI researchers (top 20% by citation impact) who completed graduate studies in the country, indicating research training capacity.           |
| Total Top-Tier AI Researchers (Undergraduate Origin)    | Count | [0, $\infty$ ) | Count of top-tier AI researchers (top 20% by citation impact) who completed undergraduate studies in the country, indicating foundational education capacity. |
| Total Top-Tier AI Researchers (Work Location)           | Count | [0, $\infty$ ) | Count of top-tier AI researchers (top 20% by citation impact) currently working in the country, indicating research talent retention and attraction.          |

## Part 13: Human Capital/Education

| Indicator Type                           | Unit  | Data Range | Original Definition   |
|--|-------|------------|---|
| Coursera: AI Maturity Index              | Score | [0, 100]   | Relative skill proficiency rank among the Coursera learner population, assessing overall AI maturity across business, data science, and technology domains. |
| Coursera: Business Proficiency Score     | Score | [0, 100]   | Relative skill proficiency rank among the Coursera learner population in business and management domains relevant to AI adoption.                           |
| Coursera: Data Science Proficiency Score | Score | [0, 100]   | Relative skill proficiency rank among the Coursera learner population in data science, machine learning, and analytics domains.                             |
| Coursera: Technology Proficiency Score   | Score | [0, 100]   | Relative skill proficiency rank among the Coursera learner population in technology and programming domains essential for AI development.                   |

## Part 14: Innovation/Intellectual Property

| Indicator Type  | Unit  | Data Range | Original Definition  |
|---|-------|------------|--|
| Total AI-Related Patent Publications (Applicant Origin) | Count | [0, ∞)     | Total count of AI-related patent publications where the applicant's country of origin matches the reporting country, indicating national AI innovation output. |

## Part 15: Legal/Regulatory

| Indicator Type                                | Unit       | Data Range | Original Definition   |
|---|------------|------------|---|
| Gross expenditure on R&D (GERD) as a % of GDP | Percentage | [0, 100]   | Gross expenditure on research and development as a percentage of GDP, indicating national R&D investment intensity relative to economic output. |
| Open Data Inventory (ODIN) Score (%)          | Score      | [0, 100]   | Measures the coverage and openness of official statistics published by a country's national statistical office.                                 |
| UNESCO AI Readiness Assessment Score (%)      | Score      | [0, 100]   | A composite score evaluating a country's readiness for responsible AI adoption across policy, social, and technical pillars.                    |

## Part 16: Scientific/Educational

| Indicator Type                            | Unit       | Data Range | Original Definition  |
|---|------------|------------|--|
| Digital Maturity Index (%)                | Score      | [0, 100]   | Composite index evaluating a country's digital infrastructure maturity and readiness for AI adoption across multiple dimensions.             |
| Mobile network coverage (% of population) | Percentage | [0, 100]   | Percentage of population covered by mobile network infrastructure, indicating telecommunications infrastructure essential for AI deployment. |

## Part 17: Social/Cultural

| Indicator Type | Unit | Data Range | Original Definition |
|----------------|------|------------|---------------------|
|----------------|------|------------|---------------------|

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|---|------------|----------|---|
| Population covered by a mobile-cellular network (%) | Percentage | [0, 100] | Percentage of population covered by mobile-cellular network infrastructure, indicating telecommunications infrastructure essential for AI deployment. |
|---|------------|----------|---|

## Part 18: Social/Usage

| Indicator Type                          | Unit  | Data Range | Original Definition   |
|---|-------|------------|---|
| AI Usage: AI Services Used (Character)  | Ratio | [0, 1]     | Percentage of survey respondents reporting use of Character according to Epoch's 2024 global polling data.  |
| AI Usage: AI Services Used (ChatGPT)    | Ratio | [0, 1]     | Percentage of survey respondents reporting use of ChatGPT according to Epoch's 2024 global polling data.    |
| AI Usage: AI Services Used (Claude)     | Ratio | [0, 1]     | Percentage of survey respondents reporting use of Claude according to Epoch's 2024 global polling data.     |
| AI Usage: AI Services Used (Copilot)    | Ratio | [0, 1]     | Percentage of survey respondents reporting use of Copilot according to Epoch's 2024 global polling data.    |
| AI Usage: AI Services Used (DeepSeek)   | Ratio | [0, 1]     | Percentage of survey respondents reporting use of DeepSeek according to Epoch's 2024 global polling data.   |
| AI Usage: AI Services Used (Gemini)     | Ratio | [0, 1]     | Percentage of survey respondents reporting use of Gemini according to Epoch's 2024 global polling data.     |
| AI Usage: AI Services Used (Grok)       | Ratio | [0, 1]     | Percentage of survey respondents reporting use of Grok according to Epoch's 2024 global polling data.       |
| AI Usage: AI Services Used (Meta)       | Ratio | [0, 1]     | Percentage of survey respondents reporting use of Meta according to Epoch's 2024 global polling data.       |
| AI Usage: AI Services Used (Perplexity) | Ratio | [0, 1]     | Percentage of survey respondents reporting use of Perplexity according to Epoch's 2024 global polling data. |

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|---|-------|--------|--|
| AI Usage: AI Services Used (Replika)                            | Ratio | [0, 1] | Percentage of survey respondents reporting use of Replika according to Epoch's 2024 global polling data.                                     |
| AI Usage: AI Use-Cases (Advice)                                 | Ratio | [0, 1] | Percentage of survey respondents reporting use of AI for Advice according to Epoch's 2024 global polling data.                               |
| AI Usage: AI Use-Cases (Expression)                             | Ratio | [0, 1] | Percentage of survey respondents reporting use of AI for Expression according to Epoch's 2024 global polling data.                           |
| AI Usage: AI Use-Cases (Information)                            | Ratio | [0, 1] | Percentage of survey respondents reporting use of AI for Information according to Epoch's 2024 global polling data.                          |
| AI Usage: AI Use-Cases (Multimedia)                             | Ratio | [0, 1] | Percentage of survey respondents reporting use of AI for Multimedia according to Epoch's 2024 global polling data.                           |
| AI Usage: AI Use-Cases (Technical)                              | Ratio | [0, 1] | Percentage of survey respondents reporting use of AI for Technical according to Epoch's 2024 global polling data.                            |
| AI Usage: AI Use-Cases (Writing)                                | Ratio | [0, 1] | Percentage of survey respondents reporting use of AI for Writing according to Epoch's 2024 global polling data.                              |
| AI Usage: Job Provides AI (I don't know)                        | Ratio | [0, 1] | Percentage of survey respondents reporting whether their employer provides generative AI tools for workplace use.                            |
| AI Usage: Job Provides AI (No)                                  | Ratio | [0, 1] | Percentage of survey respondents reporting whether their employer provides generative AI tools for workplace use.                            |
| AI Usage: Job Provides AI (Yes)                                 | Ratio | [0, 1] | Percentage of survey respondents reporting whether their employer provides generative AI tools for workplace use.                            |
| AI Usage: Long Thinking Queries (1 to 5 times in the past week) | Ratio | [0, 1] | Percentage of survey respondents reporting the frequency (e.g., once, 1-5 times, never) of using reasoning-heavy AI models in the past week. |

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|---|-------|--------|--|
| AI Usage: Long Thinking Queries (5+ times in the past week) | Ratio | [0, 1] | Percentage of survey respondents reporting the frequency (e.g., once, 1-5 times, never) of using reasoning-heavy AI models in the past week. |
| AI Usage: Long Thinking Queries (Never in the past week)    | Ratio | [0, 1] | Percentage of survey respondents reporting the frequency (e.g., once, 1-5 times, never) of using reasoning-heavy AI models in the past week. |
| AI Usage: Long Thinking Queries (Once in the past week)     | Ratio | [0, 1] | Percentage of survey respondents reporting the frequency (e.g., once, 1-5 times, never) of using reasoning-heavy AI models in the past week. |
| AI Usage: Messages Sent (0 messages)                        | Ratio | [0, 1] | Percentage of survey respondents reporting the total volume of messages (e.g., 0, 1-2, 11-50) sent to AI services in the past week.          |
| AI Usage: Messages Sent (1-2 messages)                      | Ratio | [0, 1] | Percentage of survey respondents reporting the total volume of messages (e.g., 0, 1-2, 11-50) sent to AI services in the past week.          |
| AI Usage: Messages Sent (11-50 messages)                    | Ratio | [0, 1] | Percentage of survey respondents reporting the total volume of messages (e.g., 0, 1-2, 11-50) sent to AI services in the past week.          |
| AI Usage: Messages Sent (3-10 messages)                     | Ratio | [0, 1] | Percentage of survey respondents reporting the total volume of messages (e.g., 0, 1-2, 11-50) sent to AI services in the past week.          |
| AI Usage: Messages Sent (50+ messages)                      | Ratio | [0, 1] | Percentage of survey respondents reporting the total volume of messages (e.g., 0, 1-2, 11-50) sent to AI services in the past week.          |
| AI Usage: Paid AI Subscriptions (Character AI Plus)         | Ratio | [0, 1] | Percentage of survey respondents reporting paid subscription to Character AI Plus according to Epoch's 2024 global polling data.             |
| AI Usage: Paid AI Subscriptions (ChatGPT Plus)              | Ratio | [0, 1] | Percentage of survey respondents reporting paid subscription to ChatGPT Plus according to Epoch's 2024 global polling data.                  |
| AI Usage: Paid AI Subscriptions (ChatGPT Pro)               | Ratio | [0, 1] | Percentage of survey respondents reporting paid subscription to ChatGPT Pro according to Epoch's 2024 global polling data.                   |

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|---|-------|--------|--|
| AI Usage: Paid AI Subscriptions (Claude Max)      | Ratio | [0, 1] | Percentage of survey respondents reporting paid subscription to Claude Max according to Epoch's 2024 global polling data.      |
| AI Usage: Paid AI Subscriptions (Claude Pro)      | Ratio | [0, 1] | Percentage of survey respondents reporting paid subscription to Claude Pro according to Epoch's 2024 global polling data.      |
| AI Usage: Paid AI Subscriptions (Google AI Pro)   | Ratio | [0, 1] | Percentage of survey respondents reporting paid subscription to Google AI Pro according to Epoch's 2024 global polling data.   |
| AI Usage: Paid AI Subscriptions (Google AI Ultra) | Ratio | [0, 1] | Percentage of survey respondents reporting paid subscription to Google AI Ultra according to Epoch's 2024 global polling data. |
| AI Usage: Paid AI Subscriptions (Microsoft)       | Ratio | [0, 1] | Percentage of survey respondents reporting paid subscription to Microsoft according to Epoch's 2024 global polling data.       |
| AI Usage: Used AI for Work (binary) (Yes)         | Ratio | [0, 1] | Percentage of survey respondents reporting use of AI for work tasks according to Epoch's 2024 global polling data.             |

## Part 19: Technological/Infrastructural

| Indicator Type                          | Unit       | Data Range | Original Definition  |
|---|------------|------------|--|
| Access to electricity (% of population) | Percentage | [0, 100]   | Percentage of population with access to electricity, indicating basic infrastructure prerequisite for digital and AI technologies. |
| Benchmark: ARC AGI Score                | Score      | [0, 100]   | Represents the performance score on the ARC AGI evaluation, assessing abstract reasoning and AI safety of AI models.               |
| Benchmark: ARC AI2 Score                | Score      | [0, 100]   | Represents the performance score on the ARC AI2 evaluation, assessing elementary science reasoning of AI models.                   |

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|---|-------|----------------|---|
| Benchmark: Adversarial NLI Score          | Score | [0, 100]       | Represents the performance score on the Adversarial NLI evaluation, assessing natural language inference robustness of AI models.   |
| Benchmark: Aider Polyglot Score           | Score | [0, 100]       | Represents the performance score on the Aider Polyglot evaluation, assessing multilingual code generation of AI models.             |
| Benchmark: BoolQ Score                    | Score | [0, 100]       | Represents the performance score on the BoolQ evaluation, assessing boolean question answering of AI models.                        |
| Benchmark: Chess Puzzles Score            | Score | [0, 100]       | Represents the performance score on the Chess Puzzles evaluation, assessing chess problem-solving of AI models.                     |
| Benchmark: Common Sense QA 2 Score        | Score | [0, 100]       | Represents the performance score on the Common Sense QA 2 evaluation, assessing commonsense reasoning of AI models.                 |
| Benchmark: DeepResearchBench Score        | Score | [0, 100]       | Represents the performance score on the DeepResearchBench evaluation, assessing research task completion of AI models.              |
| Benchmark: Epoch Capabilities Index Score | Score | [0, $\infty$ ) | Represents the performance score on the Epoch Capabilities Index evaluation, assessing aggregate AI model capabilities.             |
| Benchmark: FrontierMath Score             | Score | [0, 100]       | Represents the performance score on the FrontierMath evaluation, assessing advanced mathematical problem-solving of AI models.      |
| Benchmark: FrontierMath Tier 4 Score      | Score | [0, 100]       | Represents the performance score on the FrontierMath Tier 4 evaluation, assessing highest-tier mathematical reasoning of AI models. |

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|-------------------------------------|-------|---------------|---|
| Benchmark: GPQA Diamond Score       | Score | [0, 100]      | Represents the performance score on the GPQA Diamond evaluation, assessing graduate-level science questions of AI models. |
| Benchmark: GSM8K Score              | Score | [0, 100]      | Represents the performance score on the GSM8K evaluation, assessing grade school math word problems of AI models.         |
| Benchmark: GSO Score                | Score | [0, 100]      | Represents the performance score on the GSO evaluation, assessing general science understanding of AI models.             |
| Benchmark: GeoBench Score           | Score | $[0, \infty)$ | Represents the performance score on the GeoBench evaluation, assessing geographic knowledge of AI models.                 |
| Benchmark: HellaSwag Score          | Score | [0, 100]      | Represents the performance score on the HellaSwag evaluation, assessing commonsense inference of AI models.               |
| Benchmark: LAMBADA Score            | Score | [0, 100]      | Represents the performance score on the LAMBADA evaluation, assessing long-range language modeling of AI models.          |
| Benchmark: Lech Mazur Writing Score | Score | [0, 100]      | Represents the performance score on the Lech Mazur Writing evaluation, assessing creative writing quality of AI models.   |
| Benchmark: LiveBench Score          | Score | [0, 100]      | Represents the performance score on the LiveBench evaluation, assessing real-world task performance of AI models.         |
| Benchmark: METR Time Horizons Score | Score | [0, 100]      | Represents the performance score on the METR Time Horizons evaluation, assessing temporal reasoning of AI models.         |

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|---|-------|----------|--|
| Benchmark: MMLU Score                     | Score | [0, 100] | Represents the performance score on the MMLU evaluation, assessing massive multitask language understanding of AI models.              |
| Benchmark: Math Level 5 Score             | Score | [0, 100] | Represents the performance score on the Math Level 5 evaluation, assessing advanced mathematical reasoning of AI models.               |
| Benchmark: OS World Score                 | Score | [0, 100] | Represents the performance score on the OS World evaluation, assessing operating system interaction of AI models.                      |
| Benchmark: OTIS Mock AIME 2024-2025 Score | Score | [0, 100] | Represents the performance score on the OTIS Mock AIME 2024-2025 evaluation, assessing mathematical competition problems of AI models. |
| Benchmark: OpenBookQA Score               | Score | [0, 100] | Represents the performance score on the OpenBookQA evaluation, assessing open-book question answering of AI models.                    |
| Benchmark: PIQA Score                     | Score | [0, 100] | Represents the performance score on the PIQA evaluation, assessing physical commonsense reasoning of AI models.                        |
| Benchmark: SWE Bench Bash Score           | Score | [0, 100] | Represents the performance score on the SWE Bench Bash evaluation, assessing software engineering bash scripting of AI models.         |
| Benchmark: ScienceQA Score                | Score | [0, 100] | Represents the performance score on the ScienceQA evaluation, assessing science question answering of AI models.                       |
| Benchmark: SimpleBench Score              | Score | [0, 100] | Represents the performance score on the SimpleBench evaluation, assessing basic task performance of AI models.                         |

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|------------------------------------|-------|----------------|--|
| Benchmark: Simpleqa Score          | Score | [0, 100]       | Represents the performance score on the Simpleqa evaluation, assessing simple question answering of AI models.           |
| Benchmark: SuperGLUE Score         | Score | [0, 100]       | Represents the performance score on the SuperGLUE evaluation, assessing natural language understanding of AI models.     |
| Benchmark: Swe Bench Score         | Score | [0, 100]       | Represents the performance score on the Swe Bench evaluation, assessing software engineering tasks of AI models.         |
| Benchmark: TerminalBench Score     | Score | [0, 100]       | Represents the performance score on the TerminalBench evaluation, assessing terminal command execution of AI models.     |
| Benchmark: The Agent Company Score | Score | [0, 100]       | Represents the performance score on the The Agent Company evaluation, assessing agentic AI capabilities of AI models.    |
| Benchmark: TriviaQA Score          | Score | [0, 100]       | Represents the performance score on the TriviaQA evaluation, assessing trivia question answering of AI models.           |
| Benchmark: VPCT Score              | Score | [0, 100]       | Represents the performance score on the VPCT evaluation, assessing visual programming and code translation of AI models. |
| Benchmark: WebDev Arena Score      | Score | [0, $\infty$ ) | Represents the performance score on the WebDev Arena evaluation, assessing web development tasks of AI models.           |
| Benchmark: WeirdML Score           | Score | [0, 100]       | Represents the performance score on the WeirdML evaluation, assessing edge-case machine learning scenarios of AI models. |

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| Benchmark: Winogrande Score                         | Score            | [0, 100]       | Represents the performance score on the Winogrande evaluation, assessing commonsense reasoning of AI models.                                       |
| Data center electricity consumption (TWh)           | TWh              | [0, $\infty$ ) | Total annual electricity consumption (TWh) by data centers, indicating energy infrastructure requirements for AI compute infrastructure.           |
| Data center hub capacity - Operating (MW)           | MW               | [0, $\infty$ ) | Total operational IT power capacity of data center hubs within the country, measured in Megawatts.   |
| Data center hub capacity - Planned (MW)             | MW               | [0, $\infty$ ) | Total announced or under-construction IT power capacity of future data center hubs.  |
| Individuals using the Internet (% of population)    | Percentage       | [0, 100]       | Percentage of population with Internet access, indicating digital connectivity infrastructure essential for AI adoption.                           |
| Mobile-cellular subscriptions (per 100 inhabitants) | Percentage       | [0, 100]       | Mobile-cellular subscriptions per 100 inhabitants, indicating mobile connectivity penetration and digital infrastructure maturity.                 |
| National AI Cluster Power Capacity (MW)             | MW               | [0, $\infty$ ) | Quantifies physical AI infrastructure assets like cluster power capacity (MW) available within the national territory.                             |
| National AI Compute Stock (H100 Equivalents)        | H100 Equivalents | [0, $\infty$ ) | Total AI compute capacity measured in H100 GPU equivalents available within the national territory, indicating national AI infrastructure scale.   |
| National Aggregate Peak Compute (OP/s)              | FLOP/s           | [0, $\infty$ ) | Peak computational performance in operations per second (OP/s) available within the national territory, indicating maximum AI processing capacity. |

|  |                  |        |  |
|--|------------------|--------|--|
| National Frontier AI Cluster Investment (USD Billions) | USD (Billions)   | [0, ∞) | Total investment (USD billions) in frontier AI computing clusters within the national territory, indicating national commitment to cutting-edge AI infrastructure.               |
| National Frontier AI Cluster Power (MW)                | MW               | [0, ∞) | Total power capacity (MW) of frontier AI computing clusters within the national territory, indicating energy infrastructure for advanced AI systems.                             |
| National Frontier AI Compute Stock (H100 Equivalents)  | H100 Equivalents | [0, ∞) | Total frontier AI compute capacity measured in H100 GPU equivalents available within the national territory, indicating cutting-edge AI infrastructure.                          |
| National Hardware Compute Frontier (FLOP/s)            | FLOP/s           | [0, ∞) | Peak floating-point operations per second (FLOP/s) of AI hardware within the national territory, indicating maximum theoretical compute performance.                             |
| National Hardware Cost Baseline (USD)                  | USD (Thousands)  | [0, ∞) | Baseline cost (USD) of AI hardware infrastructure within the national territory, indicating investment in AI computing equipment.  |
| National Hardware Energy Efficiency (FLOP/s per Watt)  | FLOP/s           | [0, ∞) | Energy efficiency of AI hardware measured as floating-point operations per second per watt (FLOP/s per Watt), indicating computational efficiency of national AI infrastructure. |
| Total AI Chip Sales Compute (FLOPs)                    | FLOP             | [0, ∞) | Total computational capacity in floating-point operations (FLOPs) from AI chip sales, indicating aggregate AI processing power from chip transactions.                           |
| Total AI Chip Sales Revenue (USD)                      | USD (Billions)   | [0, ∞) | Total revenue (USD) from AI chip sales, indicating the economic value of AI semiconductor transactions.  |

|                               |       |        |  |
|-------------------------------|-------|--------|--|
| Total AI Chips Sold (Units)   | Units | [0, ∞) | Total number of AI chips sold (units), indicating the volume of AI semiconductor transactions.   |
| Total Model Parameters        | Count | [0, ∞) | Total number of parameters across AI models developed or deployed in the country, indicating the aggregate scale and complexity of national AI models.     |
| Total Training Compute (FLOP) | FLOP  | [0, ∞) | Total computational resources in floating-point operations (FLOP) used for training AI models, indicating aggregate AI training infrastructure investment. |

## Part 20: Other(s)

| Indicator Type            | Unit  | Data Range | Original Definition   |
|---------------------------|-------|------------|---|
| Number Of Clinical Trials | Count | [0, ∞)     | Measures the total count of registered clinical trials in a given country that utilize artificial intelligence or machine learning for study design, patient recruitment, or clinical outcome evaluation. |

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## Contact and Version Information

Last Updated: 13th January 2026

### Compilation Pipeline:

- 1. [master\\_compiler\\_FINAL.py](#) (Base Wave 1, Version 1 Build)
- 2. [master\\_compiler\\_v2.py](#) (Wave 1, Version 2 Integration & Merging)
- 3. [fix\\_micronesia\\_country\\_names.py](#) (Geographic Standardization)
- 4. [heal\\_source\\_file\\_metadata.py](#) (Metadata Enrichment & Validation)

For questions or corrections to this codebook, please refer to the original source datasets and their respective documentation.