TEAM NAN

SNAPSHOTS OF HDFS STORAGE AND VISUAL OUTPUTS OF THE CODE

1. Directory Listing of Files Stored in HDFS

2. Job Dashboard: Search, Visualize, and Recommend Opportunities Based on Skills and Location

Search Jobs | Visualize Jobs | Recommend Jobs

Search Jobs by Skills

Skills: [Big data]

[Q Search]

```
Jobs matching the skills: big data
- https://ca.linkedin.com/jobs/view/data-analyst-part-time-at-voxmediallc-3758276918
- https://ca.linkedin.com/jobs/view/engineer-network-architecture-at-huawei-technologies-canada-co-ltd-3764776345
- https://ca.linkedin.com/jobs/view/sr-product-manager-bilingual-spanish-english-envision-engineering-at-amazon-web-services-aws-3679076237
- https://ca.linkedin.com/jobs/view/velocity-data-scientist-internship-co-op-summer-2024-at-scotiabank-3783367875
- https://mx.linkedin.com/jobs/view/responsable-de-front-office-at-acciona-energ%C3%ADa-3772205564
- https://uk.linkedin.com/jobs/view/facilities-office-coordinator-at-reply-3799038135
- https://uk.linkedin.com/jobs/view/machine-learning-operations-%E2%80%93-staff-engineer-at-agoda-3800269819
- https://uk.linkedin.com/jobs/view/research-fellow-in-bioimaging-at-university-of-southampton-3788180998
- https://au.linkedin.com/jobs/view/senior-data-engineer-at-quantexa-3751416426
- https://ca.linkedin.com/jobs/view/administrateur-trice-mq-senior-at-talan-3804412919
- https://ca.linkedin.com/jobs/view/business-analyst-bangkok-based-relocation-provided-at-agoda-3748489795
- https://ca.linkedin.com/jobs/view/instructor-for-hospitality-and-tourism-diploma-at-canadian-college-of-technology-and-business-cctb-3658428840
- https://ca.linkedin.com/jobs/view/senior-ruby-on-rails-developer-at-positrace-3745096673
```

Search Jobs | Visualize Jobs | Recommend Jobs

Visualize Jobs by Skill

Skill: [Big data]

[📊 Visualize]

Job Counts by Country Requiring Skill: big data

Search Jobs	Visualize Jobs	Recommend Jobs

Recommend Jobs

Skills: Big data

Job Type: Onsite

[Q Recommend]

Recommended Jobs:
- Data Analyst Part Time at Voxmediallc [Job Link: https://ca.linkedin.com/jobs/view/data-analyst-part-time-at-voxmediallc-3758276918]
- Engineer - Network Architecture at Huawei Technologies Canada Co., Ltd. [Job Link: https://ca.linkedin.com/jobs/view/engineer-network-architecture-at-huawei-technologies-canada-co-ltd-3764776345]
- Sr. Product Manager (Bilingual - Spanish & English), Envision Engineering at Amazon Web Services (AWS) [Job Link: https://ca.linkedin.com/jobs/view/sr-product-manager-bilingual-spanish-english-envision-engineering-at-amazon-web-services-aws-3679076237]
- Velocity - Data Scientist Internship/Co-Op - Summer 2024 at Scotiabank [Job Link: https://ca.linkedin.com/jobs/view/velocity-data-scientist-internship-co-op-summer-2024-at-scotiabank-3783367875]
- RESPONSABLE DE FRONT OFFICE at ACCIONA Energía [Job Link: https://mx.linkedin.com/jobs/view/responsable-de-front-office-at-acciona-energ%C3%ADa-3772205564]
- Facilities Office Coordinator at Reply [Job Link: https://uk.linkedin.com/jobs/view/facilities-office-coordinator-at-reply-3799038135]
- Machine Learning Operations - Staff Engineer at Agoda [Job Link: https://uk.linkedin.com/jobs/view/machine-learning-operations-%E2%80%93-staff-engineer-at-agoda-3800269819]
- Research Fellow in Bioimaging at University of Southampton [Job Link: https://uk.linkedin.com/jobs/view/research-fellow-in-bioimaging-at-university-of-southampton-3788180998]
- Senior Data Engineer at Quantexa [Job Link: https://au.linkedin.com/jobs/view/senior-data-engineer-at-quantexa-3751416426]
- Administrateur (trice) MQ Senior at Talan [Job Link: https://ca.linkedin.com/jobs/view/administrateur-trice-mq-senior-at-talan-3804412919]
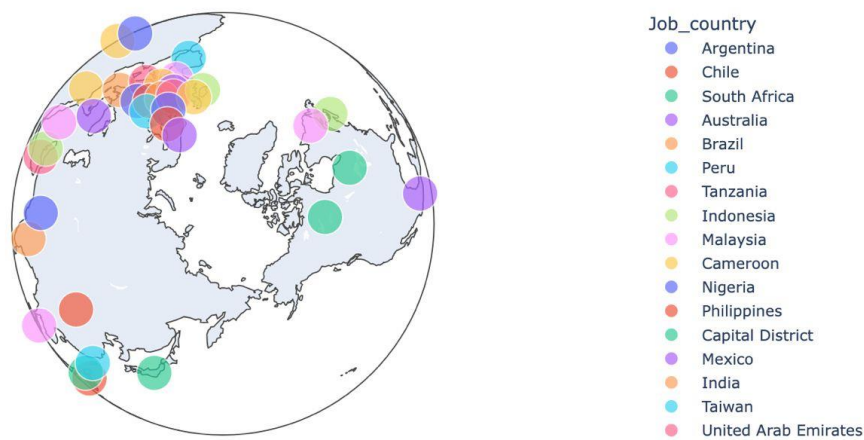
3. Snapshot of Skill Gap Analysis

```
+-----------------+--------------------+------+
|         company|               skill| count|
+-----------------+--------------------+------+
|  Health eCareers|             Nursing| 14758|
|  Health eCareers|       Communication| 10722|
|   Dollar General|    Supervisory expe...| 9905|
|  Health eCareers|        Patient Care|  9421|
|   Dollar General| Mathematical cal...|  8711|
|   Dollar General|   High school diploma| 8491|
|   Dollar General|       Cash handling|  7301|
|  Health eCareers|            Teamwork|  6923|
|Jobs for Humanity|       Communication|  6889|
|   Dollar General|    Customer service|  6328|
|  Health eCareers|        Patient care|  6022|
|  Health eCareers|          Leadership|  5816|
|   Dollar General|    Customer service|  5674|
|Jobs for Humanity|            Teamwork|  5565|
|   Dollar General|   Planogram implem...|  5456|
|   Dollar General|             Driving|  5419|
|   Dollar General|       Merchandising|  5351|
|   Dollar General|    Cash register op...|  5343|
|  Health eCareers|       Documentation|  5030|
|TravelNurseSource|                ACLS|  4785|
+-----------------+--------------------+------+
only showing top 20 rows
```

4. World Map Display of Job Listings Distribution

Global Heatmap of Job Locations

Job_country
- Argentina
- Chile
- South Africa
- Australia
- Brazil
- Peru
- Tanzania
- Indonesia
- Malaysia
- Cameroon
- Nigeria
- Philippines
- Capital District
- Mexico
- India
- Taiwan
- United Arab Emirates

3D Visualization of Job Locations

Job_country
- Argentina
- Chile
- South Africa
- Australia
- Brazil
- Peru
- Tanzania
- Indonesia
- Malaysia
- Cameroon
- Nigeria
- Philippines
- Capital District
- Mexico
- India
- Taiwan
- United Arab Emirates
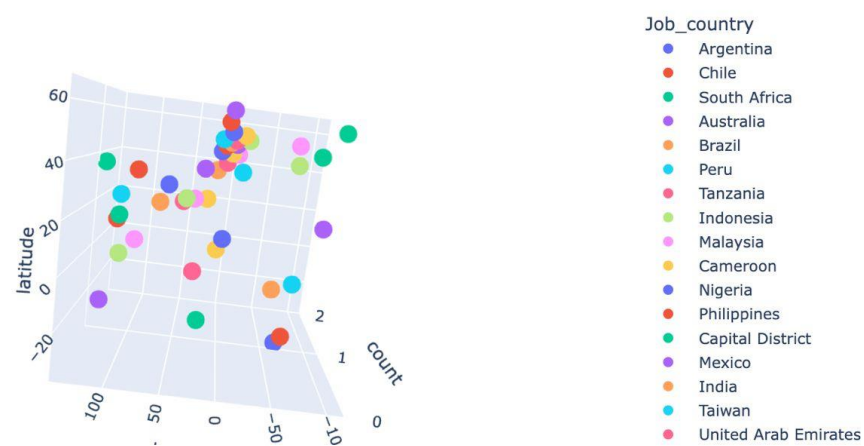
5. Power BI Dashboard Showcasing Visual Insights