

SkyHive.

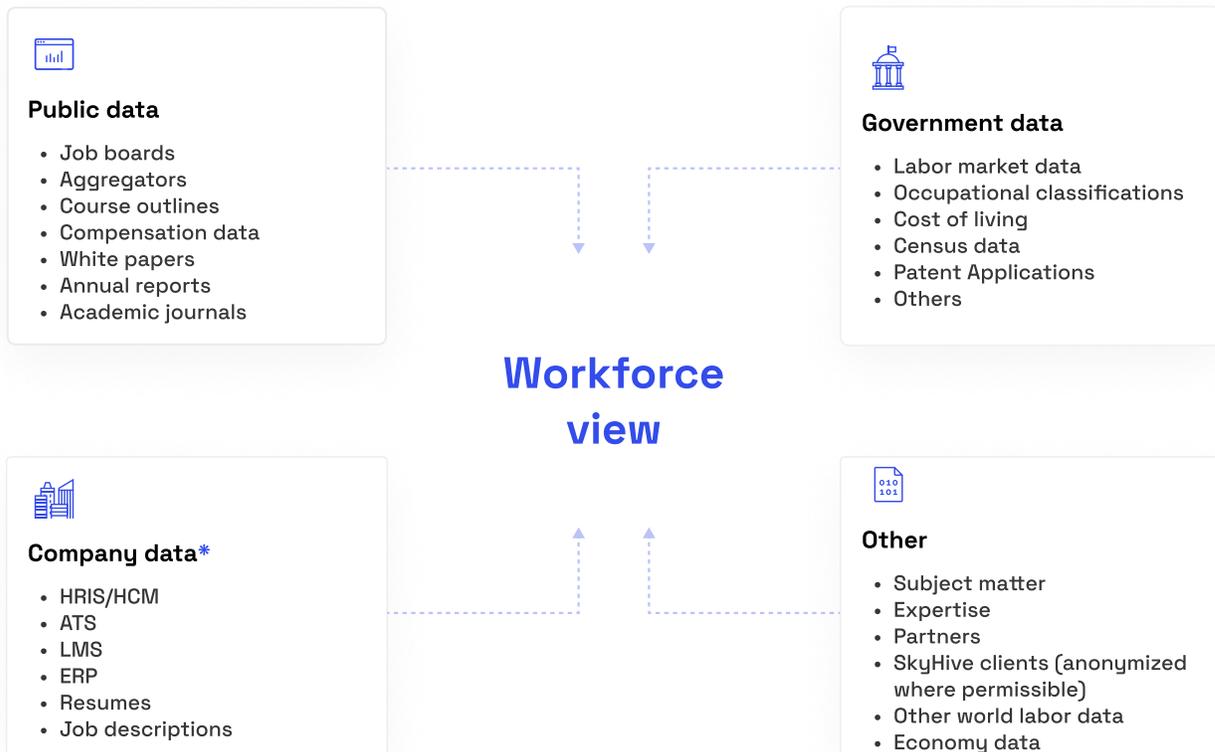
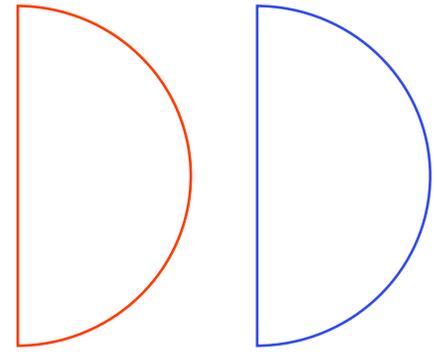
Data Fact Sheet

SkyHive conducts rigorous data source analysis to guarantee data quality, implementing best-practice methodologies for standardization, sanitation, and anonymization across datasets.

The collected data is then meticulously standardized and corrected for factors such as language, context, timeframe, cultural differences, and dataset completeness.

© SkyHive 2023. SkyHive, Skill Passport™ and Quantum Labor Analysis® are trademarks of SkyHive Technologies Holdings, Inc. All other marks are property of their respective owners.

Where does SkyHive's data come from?



*Data can be ingested via integration or flat file load.

At-a-glance

- Data from 200 countries
- Ingests more than 40TB of raw data daily
- Ability to ingest and process data in multiple languages
- Knowledge Graph comprises of 6.2B nodes and 3 trillion relationships
- Data partitioned across the following dimensions:
 - + Geography
 - + Time
 - + Job Families
 - + Industry
 - + Contextual
- Data stored in an Advanced Data Lakehouse (Data Lake & Data Warehouse) Architecture
- Engine processes 150 trillion data points daily across multiple dimensions

Comprehensive data coverages and robust data density across all regions (including multi-lingual) enables tailoring to local labor markets and taxonomies.

How does SkyHive ensure data accuracy/validity?

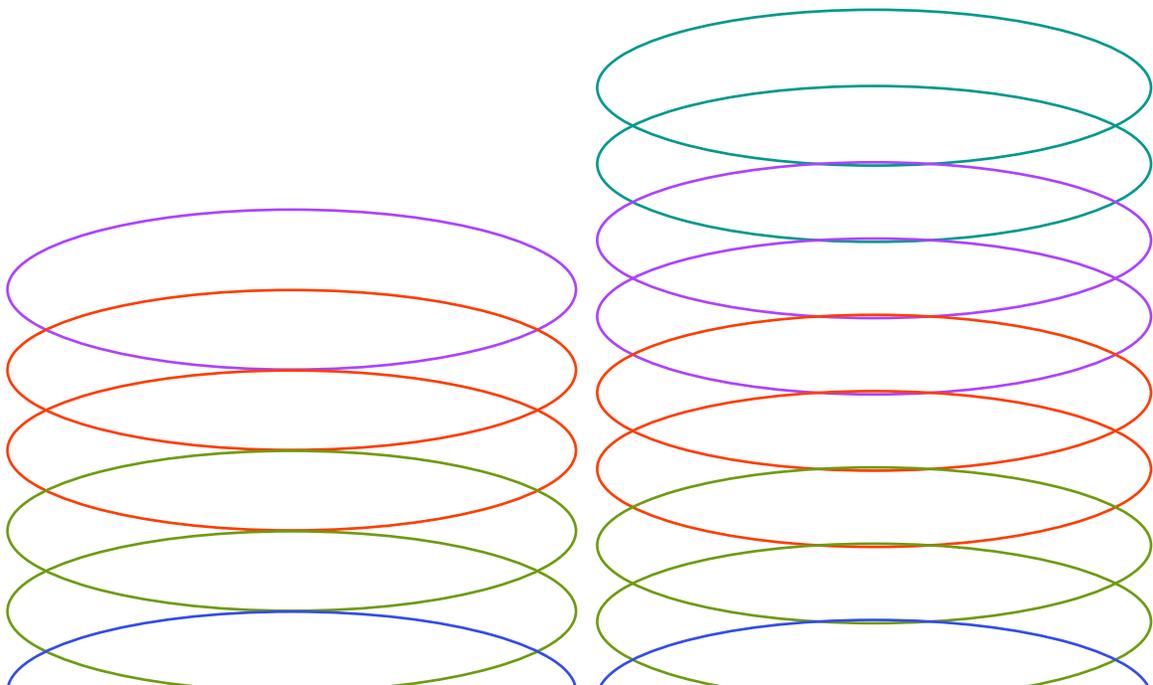
As SkyHive's core skills engine continuously collects, analyzes, and streams millions of labor market data points. It captures real-time shifts and trends within a workforce (internal) or a labor market (external) as they occur.

To accomplish this, SkyHive employs a multifaceted machine learning approach, integrating natural language processing, machine learning, deep learning, and statistical analysis. This amalgamation of technologies results in a dynamic classification system, where all jobs and skills are continuously clustered based on real-time labor market supply and demand conditions.

The engine functions as a precise reflection of the genuine labor market at a quantum skill level, automating the development of the taxonomy/ontology and the profiling of competencies in alignment with it.

SkyHive's Knowledge Graph entities are automatically generated through the mining of labor market data sources and human validations, enriching candidate attributes. These entities are employed to create billions of nodes and edges, encompassing skills, contextual relationships, job titles, companies, geographic locations, and more.

SkyHive is a strong public proponent of the ethical use of Artificial Intelligence. It is an inaugural signatory of the Cascadia Commitment to the ethical and transparent use of AI; it is a member of the GPAI (Global Partnership on Artificial Intelligence) and has introduced the world's first "MIDAS" program for Ethical AI policies and controls.

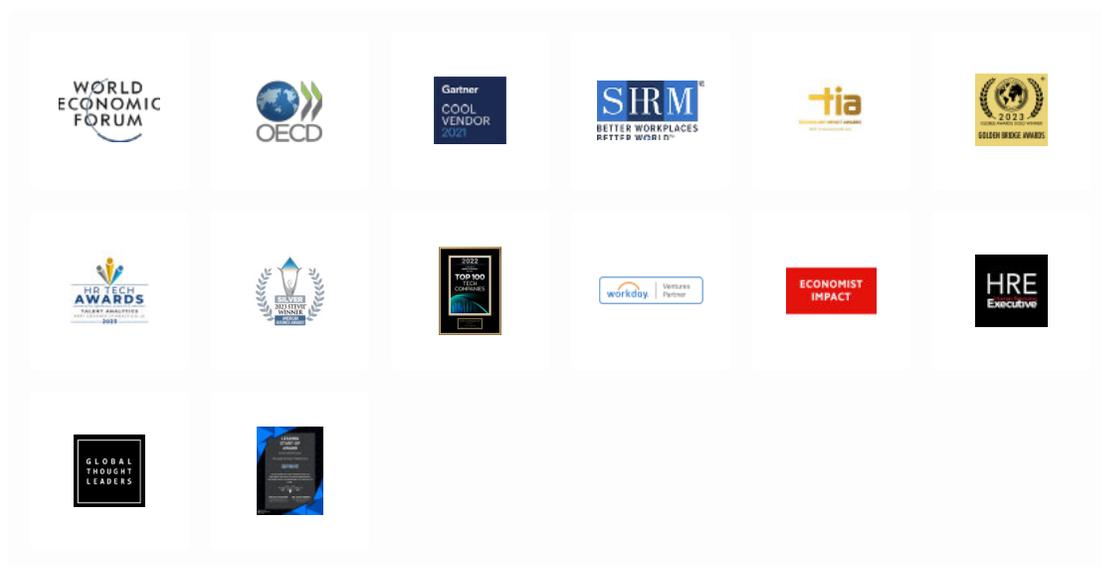


To learn more visit www.skyhive.ai

Systems compatible with SkyHive Platform



We are recognized by leading organizations.



Our products have been built from the ground up with privacy and security in mind.



ABOUT SKYHIVE

SkyHive is a Certified B Corporation that uses AI to drive global reskilling initiatives and create a more inclusive labor economy. Our products are designed to rapidly reskill people and help organizations and communities prepare for the future of work.