# 📊 Global AI Job Market & Salary Trends 2025

🔍 Complete Analysis of 15,000+ Positions

## 📘 Dataset Overview

This comprehensive dataset provides an in-depth view of the global AI and machine learning job landscape across 50+ countries, covering 15,000+ real job postings collected from major job platforms worldwide. It is ideal for data scientists, career researchers, and market analysts.

## 📦 What's Inside

This dataset includes detailed salary information, job requirements, company insights, and geographic trends. Below are its key features:

✔️ 15,000+ job listings from 50+ countries

✔️ Salary data in multiple currencies (normalized to USD)

✔️ Experience level categorization (Entry, Mid, Senior, Executive)

✔️ Company size impact analysis

✔️ Remote work trends and patterns

✔️ Skills demand analysis

✔️ Geographic salary variations

✔️ Time-series data showing market evolution

## 🧾 Columns Description

|  |  |  |
| --- | --- | --- |
| Column | Description | Type |
| job\_id | Unique identifier for each job posting | String |
| job\_title | Standardized job title | String |
| salary\_usd | Annual salary in USD | Integer |
| salary\_currency | Original salary currency | String |
| salary\_local | Salary in local currency | Float |
| experience\_level | EN (Entry), MI (Mid), SE (Senior), EX (Executive) | String |
| employment\_type | FT (Full-time), PT (Part-time), CT (Contract), FL (Freelance) | String |
| job\_category | ML Engineer, Data Scientist, AI Researcher, etc. | String |
| company\_location | Country where company is located | String |
| company\_size | S (Small <50), M (Medium 50-250), L (Large >250) | String |
| employee\_residence | Country where employee resides | String |
| remote\_ratio | 0 (No remote), 50 (Hybrid), 100 (Fully remote) | Integer |
| required\_skills | Top 5 required skills (comma-separated) | String |
| education\_required | Minimum education requirement | String |
| years\_experience | Required years of experience | Integer |
| industry | Industry sector of the company | String |
| posting\_date | Date when job was posted | Date |
| application\_deadline | Application deadline | Date |
| job\_description\_length | Character count of job description | Integer |
| benefits\_score | Numerical score of benefits package (1-10) | Float |

## 🎯 Potential Use Cases

### 📈 Salary Prediction Models

• Build ML models to predict AI job salaries

• Analyze factors affecting compensation

• Compare salaries across different locations

### 📊 Market Trend Analysis

• Track the evolution of AI job market

• Identify emerging job roles and skills

• Analyze remote work adoption patterns

### 💼 Career Planning

• Understand skill requirements for different positions

• Compare opportunities across countries

• Plan career progression paths

### 📌 Business Intelligence

• Company hiring patterns analysis

• Skills gap identification

• Market competition insights

### 🌍 Geographic Studies

• Cost of living vs. salary analysis

• Regional market maturity assessment

• Immigration pattern correlations

## 🛠️ Data Collection Methodology

Data was collected through ethical web scraping from major job platforms including:  
- LinkedIn Jobs  
- Indeed  
- Glassdoor  
- AngelList  
- Stack Overflow Jobs  
- Company career pages  
  
📅 Time Period: January 2024 - May 2025  
🔁 Update Frequency: Monthly  
✅ Data Quality: All entries manually verified and standardized