


## Trends in Remote vs. On-site Job Postings

- **Remote roles** peaked in early 2023 due to post-pandemic flexibility.
  - Decline in remote roles caused by:
    - Return-to-office policies
    - Layoffs
    - Broader economic shifts
  - **On-site roles** have recovered:
    - Spikes linked to economic rebounds
    - Project launches requiring in-person collaboration
  - **Current Landscape:**
    - Remote jobs still exist but face **higher competition**
    - Job seekers should consider **hybrid roles** and highlight **adaptability**
    - Market shows signs of **stabilization**, shifting to **location-based work models**
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## Top 10 Most Frequently Mentioned Skills for Data Analysts


- **SQL:** Most in-demand skill, essential for querying and managing data.
- **Excel:** Critical for fast data manipulation and business reporting.
- **Python:** High demand due to automation, analysis, and machine learning.
- **Power BI & Tableau:** Strong demand for data visualization skills.
- **R:** Mid-level presence; relevant in statistical and academic roles.
- **SAS:** Niche but steady; crucial in finance, healthcare, and government.
- **PowerPoint & Word:** Key for communication and reporting.
- **Azure:** Increasingly important due to modern cloud-based data stacks.

 **Summary:** Employers prefer a **blend of technical (SQL, Python, BI tools), statistical (R, SAS), and communication skills**—analytical and business-savvy professionals are highly valued.

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## Top 15 Companies Hiring Data Analysts


- **Upwork:** Dominates the list, highlighting the rise of freelance/contract roles.
- **Talentify.io, Walmart, Vnysmartpros:** Mix of platforms and large enterprises.
- **Tech & Consulting Firms:** Dice, Insight Global, Cox Communications reflect industry-wide staffing needs.
- **Finance & Healthcare:** Edward Jones, Centene Corporation show growing reliance on data analytics.
- **Others:** Moderate demand shows wide industry adoption.

 **Summary:** A **diverse and decentralized** job market—freelance platforms, large corporations, and staffing firms dominate. Many roles are **contract/project-based**, so **adaptability** is crucial.

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## Job Schedule Types

- **Full-Time:** 70.1% of postings—dominates the market.
- **Contractor:** 19.2%—strong demand for project-based roles.
- **Temp Work:** 5.56%
- **Part-Time:** 3.79%
- **Internships:** 1.24%—great for entry-level candidates.
- **Volunteer & Per Diem:** < 0.05%—extremely rare.

 This distribution shows a **strong preference for full-time roles**, with secondary reliance on contractors and temporary workers.

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## Remote vs. On-site Data Analyst Salaries

- **Median Salary:** Slightly higher for remote roles.
- **Salary Range:** Remote roles have **wider spread**, more high-salary outliers (> \$300k).

- **Lower Bound:** Similar (~\$30k) for both types.
- **Interquartile Range (IQR):** Wider in remote roles = more diversity in mid-range pay.

📌 **Conclusion:** Remote roles tend to be **more lucrative** and **varied**, appealing to candidates seeking **flexibility** and **high earning potential**.

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## Monthly Salary Trends: Remote vs On-Site

### ◆ Late 2022 – Mid 2023

- On-site roles led with higher average salaries (~\$108K peak in Dec 2022).

### ▼ Mid 2023 – Late 2023

- Sharp decline in on-site salaries (~\$64K by Oct 2023).
- Likely due to layoffs, market corrections, or shift to remote work.

## 2024 Recovery & Volatility

- On-site salaries rebound sharply (~\$121K by Oct 2024) but show **high volatility**.
- Remote salaries remain **more stable**, with moderate fluctuations (~\$97K peaks in Feb & Jun 2024).

### ◆ Early 2025

- Remote salaries **overtake** on-site (\$106K vs. \$87K).

## 📌 **Conclusion:**

- Post-COVID job market is stabilizing.
  - Remote work offers **consistent salaries** and long-term viability.
  - On-site roles are more **volatile**, likely driven by location or seasonal needs.
  - Tech and knowledge sectors help **boost remote salaries**.
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## Work From Home vs On-Site Job Postings

- **On-site:** 54.8% of job postings
- **Work From Home:** 45.2%

📌 While remote jobs are still significant, the **majority of employers are shifting slightly back** toward traditional **on-site roles** post-pandemic.

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### 🗺️ Top 10 States with Most Data Analyst Job Postings

- **Top Cities:**
  - Oklahoma City, OK
  - Kansas City, MO
- **Missouri (MO):** Kansas City & Jefferson City — rising demand hub.
- **Colorado:** Denver & Colorado Springs — strong tech/data economy.
- **Kansas:** Wichita, Topeka, Overland Park — moderate opportunities.
- **Bentonville, AR:** Driven by Walmart’s headquarters.

📌 **Conclusion:** The **central U.S.** is a hot spot for data analytics jobs, with Missouri, Oklahoma, Colorado, and Kansas leading growth.

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### 💰 Distribution of Annual Salaries

- **Most Common Range:** \$80,000 – \$110,000 (peak just under \$100K)
- **Right-skewed:** Fewer jobs above \$150K
- **Entry-level Salaries:** Start around \$50,000
- **Top Salaries:** Exceed \$200,000 (likely senior or hybrid roles)


📌 This reflects a **healthy mid-career market** with potential for **growth into higher-paying positions**.

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### 📋 Top 15 Most Common Data Analyst Job Titles

- **Top Title:** “Data Analyst” (6,650 listings)
- **Others:**
  - “Senior Data Analyst”

- “Data Scientist”
- “Business Data Analyst”
- “Lead Data Analyst”
- “Marketing Data Analyst”
- “Junior Data Analyst” (least common—may be listed as “Data Analyst”)

 **Conclusion:** The majority of roles fall under the general title "**Data Analyst**", with salaries clustering around **\$80K–\$110K**. There is strong potential for **specialization** and **career progression**.