

Recruiting Metrics Analysis

February 25, 2025

This notebook provides an in-depth analysis of key recruiting metrics to help optimize hiring processes, reduce costs, and improve efficiency.

1 Dataset Overview

The dataset contains **1000** recruiting records **from January to July 2024**, tracking the entire recruitment pipeline from application to hire. Here are the key insights:

Scale and Scope: - The dataset tracks hundreds of job applications across multiple positions - Covers 5 key job roles: Software Engineer, Data Analyst, Business Analyst, Product Manager and UX Designer

Recruitment Channels: - Multiple recruitment sources including Company Website, LinkedIn, CareerBuilder, Indeed, and Referrals

Application Pipeline: - Tracks complete recruitment lifecycle: Application → Interview → Offer → Hire/Reject - Includes detailed timing for each stage of the process - Captures both successful (hired) and unsuccessful (rejected) outcomes

Performance Metrics: - Time-to-hire tracking for successful placements - Cost-per-hire data for financial analysis - Candidate NPS scores for satisfaction measurement - Recruitment site visits and social mentions for channel effectiveness

Quality Indicators: - Performance ratings for hired candidates - Offer acceptance rates - Candidate experience metrics (NPS) - Social engagement metrics

2 Dataset Citation

- **Title:** [Recruiting Key Performance Indicators](#)
- **Author:** aida kooh
- **Source:** Kaggle
- **Accessed on:** Dec 27, 2024

3 Data Processing and Analysis

3.1 Building the Foundation for Recruitment Funnel Analysis

```
[2]: import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

data = pd.read_csv('recruiting_kpi_dataset_updated.csv')

data['ApplicationDate'] = pd.to_datetime(data['ApplicationDate'],
    ↪errors='coerce')
```

```
[7]: data['ApplicationQuarter'] = data['ApplicationDate'].dt.to_period('Q') # ↪
    ↪Extract quarters
data['ApplicationMonth'] = data['ApplicationDate'].dt.to_period('M') # ↪
    ↪Extract months

data[['ApplicationDate', 'ApplicationQuarter', 'ApplicationMonth']].head()
```

```
[7]:  ApplicationDate  ApplicationQuarter  ApplicationMonth
0      2024-02-03                2024Q1            2024-02
1      2024-07-01                2024Q3            2024-07
2      2024-02-21                2024Q1            2024-02
3      2024-03-03                2024Q1            2024-03
4      2024-04-24                2024Q2            2024-04
```

```
[33]: # Quarterly funnel statistics
quarterly_funnel = data.groupby('ApplicationQuarter').agg({
    'CandidateID': 'nunique', # Total number of applicants
    'InterviewDate': lambda x: x.notna().sum(), # Candidates who had interviews
    'OfferDate': lambda x: x.notna().sum(), # Candidates who received offers
    'HiredDate': lambda x: x.notna().sum() # Candidates who were hired
}).rename(columns={
    'CandidateID': 'Applied',
    'InterviewDate': 'Interviewed',
    'OfferDate': 'Offer Made',
    'HiredDate': 'Hired'
})

print(quarterly_funnel)
```

	Applied	Interviewed	Offer Made	Hired
ApplicationQuarter				
2024Q1	463	245	121	50

2024Q2	455	221	107	31
2024Q3	82	40	15	3

```
[35]: # Monthly funnel statistics
monthly_funnel = data.groupby('ApplicationMonth').agg({
    'CandidateID': 'nunique',
    'InterviewDate': lambda x: x.notna().sum(),
    'OfferDate': lambda x: x.notna().sum(),
    'HiredDate': lambda x: x.notna().sum()
}).rename(columns={
    'CandidateID': 'Applied',
    'InterviewDate': 'Interviewed',
    'OfferDate': 'Offer Made',
    'HiredDate': 'Hired'
})

print(monthly_funnel)
```

ApplicationMonth	Applied	Interviewed	Offer Made	Hired
2024-01	155	92	45	15
2024-02	132	70	38	13
2024-03	176	83	38	22
2024-04	143	68	36	13
2024-05	163	86	41	9
2024-06	149	67	30	9
2024-07	82	40	15	3

3.2 Recruitment Funnel Analysis

Creating Time-Based Funnel Analysis with Monthly and Quarterly Views

```
[40]: data['ApplicationMonth'] = data['ApplicationDate'].dt.to_period('M') # Extract
      ↪ months
data['ApplicationQuarter'] = data['ApplicationDate'].dt.to_period('Q') #
      ↪ Extract quarters

monthly_funnel = data.groupby('ApplicationMonth').agg({
    'CandidateID': 'nunique', # Total applicants
    'InterviewDate': lambda x: x.notna().sum(), # Interviewed candidates
    'OfferDate': lambda x: x.notna().sum(), # Offers made
    'HiredDate': lambda x: x.notna().sum() # Hired candidates
}).rename(columns={
    'CandidateID': 'Applied',
    'InterviewDate': 'Interviewed',
    'OfferDate': 'Offer Made',
    'HiredDate': 'Hired'
})
```

```

})

quarterly_funnel = data.groupby('ApplicationQuarter').agg({
    'CandidateID': 'nunique',
    'InterviewDate': lambda x: x.notna().sum(),
    'OfferDate': lambda x: x.notna().sum(),
    'HiredDate': lambda x: x.notna().sum()
}).rename(columns={
    'CandidateID': 'Applied',
    'InterviewDate': 'Interviewed',
    'OfferDate': 'Offer Made',
    'HiredDate': 'Hired'
})

monthly_funnel.reset_index(inplace=True)
quarterly_funnel.reset_index(inplace=True)

colors = ['#a6cee3', '#1f78b4', '#b2df8a', '#33a02c']

fig, ax = plt.subplots(figsize=(15, 7))
bars = monthly_funnel.plot(
    x='ApplicationMonth',
    kind='bar',
    stacked=False,
    ax=ax,
    color=colors
)

for container in ax.containers:
    ax.bar_label(container, label_type='edge', fontsize=9)

plt.title('Monthly Recruitment Funnel', fontsize=16)
plt.xlabel('Month', fontsize=12)
plt.ylabel('Number of Candidates', fontsize=12)
plt.xticks(rotation=45)
plt.legend(title='Stages', fontsize=10)
plt.tight_layout()
plt.show()

# Bar Chart for Quarterly Recruitment Funnel
fig, ax = plt.subplots(figsize=(10, 6))
bars = quarterly_funnel.plot(
    x='ApplicationQuarter',

```

```

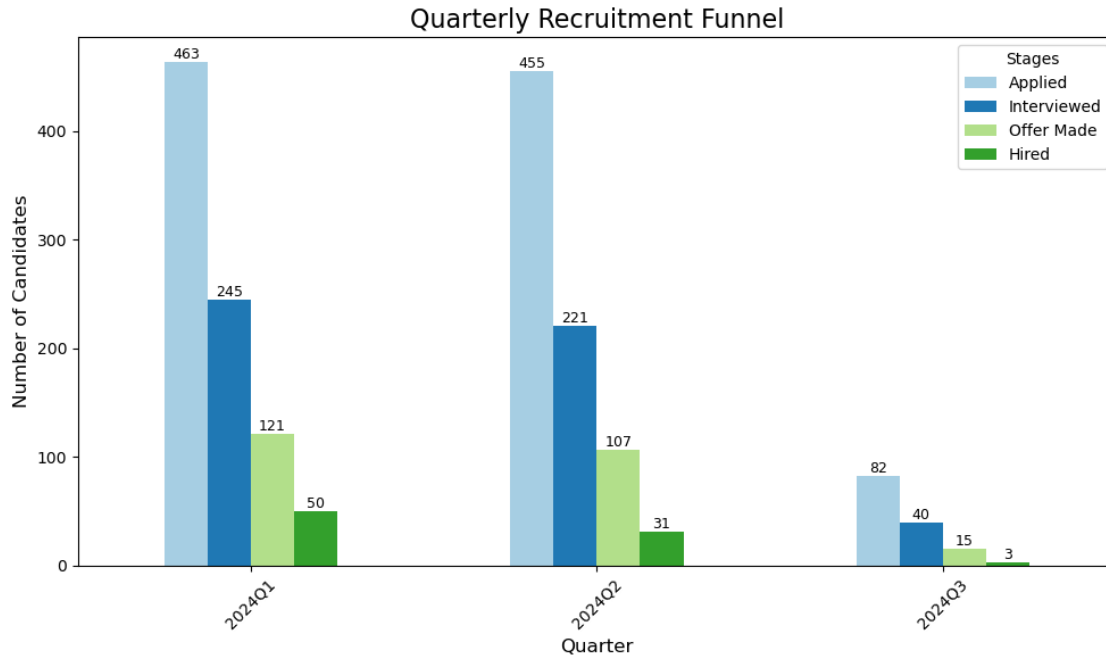
kind='bar',
stacked=False,
ax=ax,
color=colors
)

for container in ax.containers:
    ax.bar_label(container, label_type='edge', fontsize=9)

plt.title('Quarterly Recruitment Funnel', fontsize=16)
plt.xlabel('Quarter', fontsize=12)
plt.ylabel('Number of Candidates', fontsize=12)
plt.xticks(rotation=45)
plt.legend(title='Stages', fontsize=10)
plt.tight_layout()
plt.show()

```





Key Findings

Quarterly Analysis:

Q1 2024 Performance

- Highest number of applications (463)
- Strongest conversion to hires (50 candidates)
- Interview conversion rate: 52.9% (245/463)
- Offer acceptance rate: 41.3% (50/121)

Q2 2024 Performance

- Similar application volume (455)
- Lower hiring yield (31 candidates)
- Interview conversion rate: 48.6% (221/455)
- Offer acceptance rate: 29% (31/107)

Q3 2024 (Partial Data)

- Significant drop in applications (82)
- Lowest hiring numbers (3)
- Similar conversion ratios maintained

Monthly Trends:

Application Volume

- Peak in March 2024 (176 applications)
- Consistent volume Jan-June (132-176 applications)
- Sharp decline in July (82 applications)

Conversion Metrics

- Application to Interview rate: ~45-55%
- Interview to Offer rate: ~40-50%
- Offer to Hire rate: Declining trend (33% in Jan to 20% in July)

Hiring Efficiency

- Best month: March 2024 (22 hires)
- Declining trend in recent months (9 hires in May/June, 3 in July)
- Average monthly hire rate: ~12 candidates

The recruitment funnel data from Q1-Q3 2024 reveals several important patterns and trends

- The organization maintained a robust applicant pipeline in the first half of the year, with consistent monthly application volumes between 132-176 candidates. However, there's a clear decline in hiring efficiency over time, particularly in the conversion from offers to hires.
- While the initial stages of the funnel (application to interview) remain relatively stable, the final conversion rates have deteriorated.
- Q1 2024 emerged as the strongest period, with both high application volumes and superior conversion rates throughout the funnel.
- The subsequent quarters show a gradual decline in hiring effectiveness, despite maintaining similar application numbers through Q2.
- The sharp drop in July (Q3) applications and hires might indicate either a seasonal trend or a more systemic change in recruitment strategy or market conditions.

```
[25]: pip install plotly
```

```
Requirement already satisfied: plotly in /opt/anaconda3/lib/python3.12/site-packages (5.22.0)
```

```
Requirement already satisfied: tenacity>=6.2.0 in /opt/anaconda3/lib/python3.12/site-packages (from plotly) (8.2.2)
```

```
Requirement already satisfied: packaging in /opt/anaconda3/lib/python3.12/site-packages (from plotly) (23.2)
```

```
Note: you may need to restart the kernel to use updated packages.
```

3.3 Time to Hire by Position

```
[4]: def analyze_position_hiring_time(file_path):

    df = pd.read_csv(file_path)

    # Calculate average hiring time by position
    position_time = df.groupby('Position')['TimeToHire'].agg([
        ('average_days', 'mean'),
        ('median_days', 'median'),
        ('min_days', 'min'),
        ('max_days', 'max'),
        ('hire_count', 'count')
```

```

)).round(1)

position_time = position_time.sort_values('average_days', ascending=True)

plt.figure(figsize=(7.5, 4))

ax = sns.barplot(x=position_time.index,
                 y='average_days',
                 data=position_time,
                 color='skyblue')

for idx, (position, row) in enumerate(position_time.iterrows()):
    ax.text(idx, row['average_days'] * 0.7,
            f'{row["average_days"]:.1f}d\n({row["hire_count"]})',
            ha='center', va='bottom', fontsize=7)

plt.title('Average Time to Hire by Position', fontsize=11, pad=15)
plt.xlabel('Position', fontsize=9)
plt.ylabel('Average Days to Hire', fontsize=9)
plt.xticks(rotation=45, ha='right', fontsize=8)
plt.grid(True, axis='y', linestyle='--', alpha=0.7)

plt.tight_layout()

# Print detailed statistics
print("\nDetailed Hiring Time Statistics by Position:")
print("\nPosition Time Analysis:")
print(position_time.to_string())

# Calculate overall statistics
print("\nOverall Statistics:")
print(f"Average time to hire across all positions: {df['TimeToHire'].mean():
↵.1f} days")
print(f"Fastest hire: {df['TimeToHire'].min():.1f} days")
print(f"Longest hire: {df['TimeToHire'].max():.1f} days")

plt.show()

analyze_position_hiring_time('recruiting_kpi_dataset_updated.csv')

```


Detailed Hiring Time Statistics by Position:

Position Time Analysis:

	average_days	median_days	min_days	max_days	hire_count
Position					
Software Engineer	84.4	76.5	15.0	193.0	14
Product Manager	92.4	108.0	2.0	165.0	26
Business Analyst	112.4	117.0	24.0	187.0	17
UX Designer	112.7	114.0	29.0	183.0	15
Data Analyst	113.8	126.5	4.0	175.0	12

Overall Statistics:

Average time to hire across all positions: 101.8 days

Fastest hire: 2.0 days

Longest hire: 193.0 days



Findings:

A hiring cycle of average 101.8 days is indeed quite long. Typically, the length of the hiring process can be influenced by various factors, such as the nature of the positions, the size of the company, the complexity of the recruitment process, and the competitiveness of the job market.

For technical roles like Software Engineer, Data Analyst, or UX Designer, a longer process may be expected due to the need for multiple rounds of interviews, coding tests, and skills assessments. However, anything beyond three months does seem excessive, which may suggest inefficiencies in the recruitment process.

Potential Drivers for a lengthy hiring cycle:

- Highly specific or demanding job requirements, making it difficult to find candidates that match the profile, thus prolonging the screening and interview process.
- Multiple interview rounds, with long gaps between them or involving different decision-makers who need to coordinate.
- Poor internal communication, where various departments are involved in decision-making, causing delays.
- Imbalance in the external talent market, especially for technical roles, where qualified candidates are limited or in high demand, and companies might take longer to identify suitable applicants.

Recommended Actions:

A lengthy hiring process can hurt the candidate experience and may lead to losing top candidates who find other offers in the meantime. To optimize the process, companies could consider: - Streamlining interview rounds and cutting unnecessary steps. - Speeding up feedback and response times. - Improving collaboration between the recruitment team and other departments to reduce delays in decision-making. - Using more efficient screening tools, such as AI-driven resume filtering.

3.4 Offer Acceptance Rate Analysis

```
[6]: from datetime import datetime

df = pd.read_csv('recruiting_kpi_dataset_updated.csv')

df['OfferDate'] = pd.to_datetime(df['OfferDate'])

def analyze_offer_acceptance_by_month(df):

    df['Month'] = df['OfferDate'].dt.strftime('%Y-%m')

    monthly_stats = df.groupby('Month').agg({
        'OfferAccepted': lambda x: (x == 'Yes').sum(),
        'OfferDate': 'count'
    }).reset_index()

    monthly_stats['Acceptance_Rate'] = (monthly_stats['OfferAccepted'] /
                                         monthly_stats['OfferDate'] * 100)

    plt.figure(figsize=(6, 3))
    plt.plot(range(len(monthly_stats)), monthly_stats['Acceptance_Rate'],
             marker='o', linewidth=2, markersize=6)

    plt.title('Monthly Offer Acceptance Rate', fontsize=12, pad=15)
    plt.xlabel('Month', fontsize=10)
    plt.ylabel('Acceptance Rate (%)', fontsize=10)
```

```

plt.grid(True, linestyle='--', alpha=0.7)

plt.xticks(range(len(monthly_stats)), monthly_stats['Month'],
           rotation=45, ha='right', fontsize=8)

for i, rate in enumerate(monthly_stats['Acceptance_Rate']):
    plt.text(i, rate + 1, f'{rate:.1f}%',
            ha='center', va='bottom', fontsize=8)

plt.tight_layout()
return monthly_stats

def analyze_offer_acceptance_by_position(df):
    position_stats = df.groupby('Position').agg({
        'OfferAccepted': lambda x: (x == 'Yes').sum(),
        'OfferDate': 'count'
    }).reset_index()

    position_stats['Acceptance_Rate'] = (position_stats['OfferAccepted'] /
                                         position_stats['OfferDate'] * 100)

    position_stats = position_stats.sort_values('Acceptance_Rate',
        ↪ascending=True)

    plt.figure(figsize=(6, 4))
    bars = plt.barh(range(len(position_stats)),
        ↪position_stats['Acceptance_Rate'])

    plt.title('Offer Acceptance Rate by Position', fontsize=12, pad=15)
    plt.xlabel('Acceptance Rate (%)', fontsize=10)
    plt.ylabel('Position', fontsize=10)

    plt.yticks(range(len(position_stats)), position_stats['Position'],
        ↪fontsize=8)

    for i, bar in enumerate(bars):
        width = bar.get_width()
        plt.text(width + 1, bar.get_y() + bar.get_height()/2,
            f'{width:.1f}%',
            va='center', fontsize=8)

    plt.grid(True, linestyle='--', alpha=0.7)
    plt.tight_layout()
    return position_stats

```

```

monthly_stats = analyze_offer_acceptance_by_month(df)
plt.figure(1)
position_stats = analyze_offer_acceptance_by_position(df)
plt.figure(2)

print("\nMonthly Offer Acceptance Statistics:")
print(monthly_stats.to_string(index=False))
print("\nPosition-wise Offer Acceptance Statistics:")
print(position_stats.to_string(index=False))
plt.show()

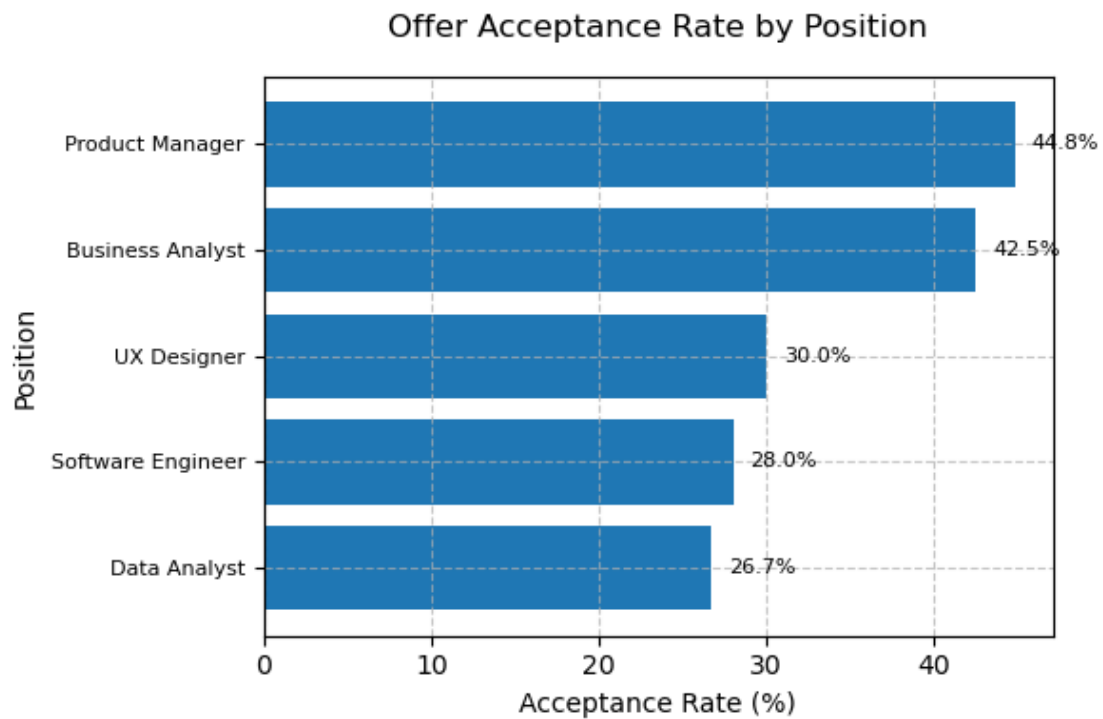
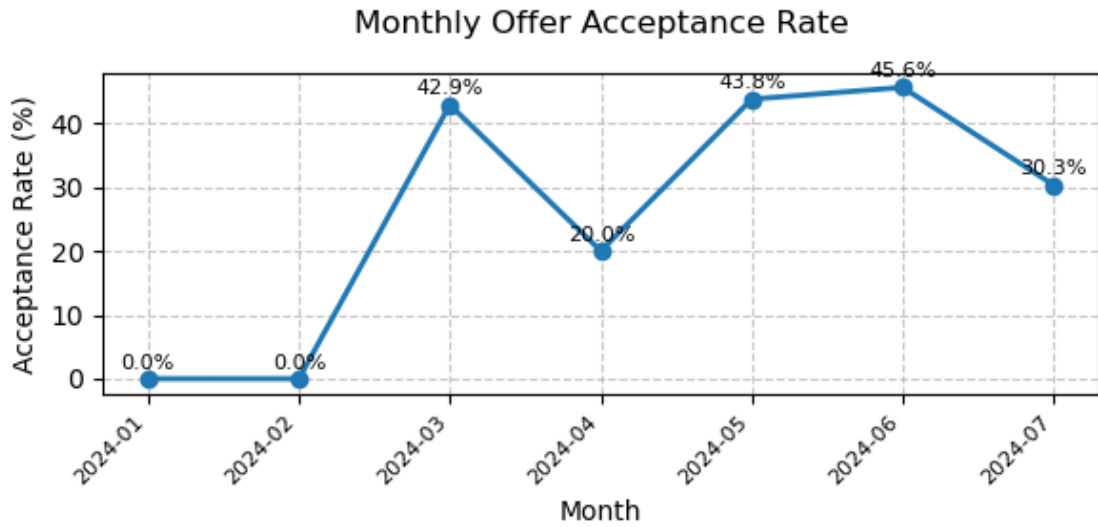
```

Monthly Offer Acceptance Statistics:

Month	OfferAccepted	OfferDate	Acceptance_Rate
2024-01	0	1	0.000000
2024-02	0	4	0.000000
2024-03	3	7	42.857143
2024-04	3	15	20.000000
2024-05	7	16	43.750000
2024-06	31	68	45.588235
2024-07	40	132	30.303030

Position-wise Offer Acceptance Statistics:

Position	OfferAccepted	OfferDate	Acceptance_Rate
Data Analyst	12	45	26.666667
Software Engineer	14	50	28.000000
UX Designer	15	50	30.000000
Business Analyst	17	40	42.500000
Product Manager	26	58	44.827586



Finding: Lower Than Expected Acceptance Rates in Technical Roles

Our analysis reveals that technical positions are experiencing significantly lower offer acceptance rates, with Data Analysts at 26.7% and Software Engineers at 28%, compared to the overall company average of 34.4%.

Potential Drivers

- The competitive landscape for technical talent has intensified significantly, with candidates often receiving multiple competitive offers simultaneously. This has created a highly candidate-driven market where prospective employees have increased negotiating power and more options to choose from.
- Our compensation structure may not fully align with current market expectations. While our base salary remains competitive, our analysis suggests that the total compensation package, including bonuses, equity, and benefits, may not match what market leaders are offering in the technology sector.
- The length and complexity of our technical interview process may be impacting candidate experience. Candidates are going through multiple rounds of technical assessments and interviews, which extends the time from initial contact to offer. This prolonged process gives competitors more opportunity to engage with our candidates.

Recommended Solutions

- **Compensation Strategy Enhancement:** Our compensation structure needs to be more dynamic and competitive. We should implement monthly market rate reviews for technical positions and create a more flexible compensation framework that can quickly adapt to market changes. This framework should include clear career progression paths with associated compensation bands, making the growth potential more visible to candidates.
- **Interview Process Optimization:** We should streamline our technical assessment process while maintaining its rigor. This can be achieved by consolidating technical evaluations into fewer, more comprehensive sessions and establishing clear timelines for each stage of the interview process. Additionally, implementing a dedicated technical recruitment team would ensure consistent and specialized candidate experience.
- **Build Strategic Partnership with Employer Branding:** Our acceptance rate data presents a compelling case for strengthening collaboration with the Employer Branding team to address the technical talent attraction challenges. By sharing our recruitment insights, particularly the feedback from declined offers and candidate interviews, we can help inform the development of more targeted employer branding content for technical roles. This data-driven approach would enable the Employer Branding team to craft more resonant messaging around our technical environment, project impact, and growth opportunities - areas our analysis shows candidates care most about. Regular collaboration between recruitment and employer branding teams, supported by ongoing data sharing, would create a stronger foundation for future technical hiring success.

3.5 Cost Variations Across Different Positions

```
[48]: plt.rcParams['font.family'] = 'DejaVu Sans'

position_analysis = df.groupby('Position').agg({
    'HireCost': ['mean', 'median', 'count', 'min', 'max']
```

```

}).round(2)

position_analysis.columns = ['Average_Cost', 'Median_Cost', 'Hire_Count',
    ↪ 'Min_Cost', 'Max_Cost']
position_analysis = position_analysis.reset_index()

position_analysis = position_analysis.sort_values('Average_Cost',
    ↪ ascending=True)

plt.figure(figsize=(12, 6))
ax1 = plt.gca()

x = range(len(position_analysis))
width = 0.35

bars1 = ax1.bar(
    x,
    position_analysis['Average_Cost'],
    width,
    label='Average Cost',
    color='#2196F3',
    alpha=0.7
)

def add_value_labels(bars):
    for bar in bars:
        height = bar.get_height()
        ax1.text(
            bar.get_x() + bar.get_width() / 2,
            height,
            f'${height:,.0f}',
            ha='center',
            va='bottom',
            fontsize=9,
            fontfamily='DejaVu Sans'
        )

add_value_labels(bars1)

ax2 = ax1.twinx()

```

```

line = ax2.plot(
    position_analysis['Position'],
    position_analysis['Hire_Count'],
    color='#E53935',
    marker='o',
    linewidth=2,
    label='Number of Hires'
)

for i, count in enumerate(position_analysis['Hire_Count']):
    ax2.text(
        i,
        count,
        str(int(count)),
        ha='center',
        va='bottom',
        color='#E53935',
        fontsize=9,
        fontfamily='DejaVu Sans'
    )

ax1.set_ylabel('Recruitment Cost ($)', fontsize=11, fontfamily='DejaVu Sans')
ax2.set_ylabel('Number of Hires', color='#E53935', fontsize=11,
    ↪fontfamily='DejaVu Sans')
plt.title('Recruitment Cost Analysis - Average Cost', fontsize=13, pad=20)

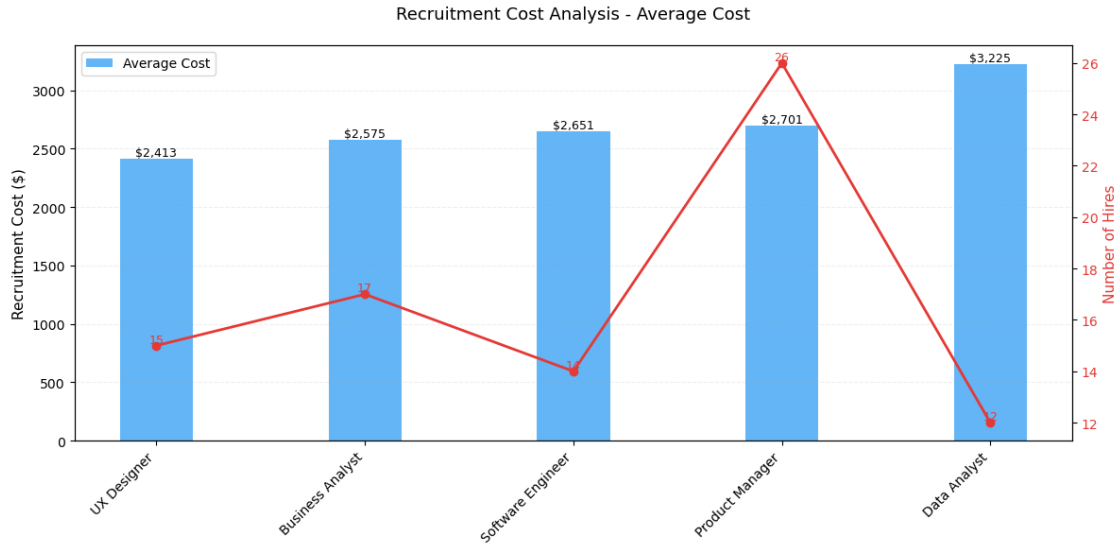
ax1.set_xticks(x)
ax1.set_xticklabels(position_analysis['Position'], rotation=45, ha='right')
ax1.grid(axis='y', linestyle='--', alpha=0.2)
ax2.tick_params(axis='y', labelcolor='#E53935')

ax1.legend(loc='upper left')

plt.tight_layout()

plt.show()

```

Key Finding: Data Analyst Positions Show Highest Recruitment Costs

Our analysis reveals significant variations in recruitment costs:

- **Highest Cost Position:** Data Analyst roles stand out with an average cost of \$3,225 per hire
- **Above Company Average:** This represents a 20% premium over the company-wide average of \$2,690
- **Most Cost-Efficient:** UX Designer positions show the lowest recruitment costs at \$2,413 per hire

Potential Drivers

The substantial cost variations between different positions can be attributed to multiple underlying factors in the current talent market and our recruitment processes. The consistently high average cost (\$3,225) for Data Analyst positions reflects the intense competition in the data talent market, combined with a relatively limited candidate pool for these specialized roles. This competitive landscape often necessitates more extensive recruitment efforts and potentially higher investment in candidate attraction and assessment processes.

When examining the UX Designer recruitment data, we observe a notably more efficient cost structure with a lower mean cost USD 2,413. These metrics suggest that our recruitment process for UX positions has achieved a higher level of optimization and standardization. The efficiency might be attributed to our well-established assessment methods for UX candidates and potentially a more abundant talent pool in this domain.

Recommended Solutions

Based on our comprehensive data analysis, we recommend implementing a two-pronged approach to optimize recruitment costs across all positions:

First, we need to develop a specialized strategy for Data Analyst recruitment that focuses on building long-term talent pipelines. This approach should include the development of relationships

with key educational institutions and professional networks, combined with a more structured internal development program for data talent. By investing in these relationships and development pathways, we can reduce our dependence on expensive urgent hiring processes.

Second, we should conduct a detailed analysis of our successful UX Designer recruitment practices and identify elements that can be adapted for other positions. The cost-efficient processes we've established for UX recruitment could serve as a model for optimizing recruitment across other roles, particularly in areas such as assessment standardization and candidate pipeline management.

3.6 Recruiters' Performance Analysis

```
[38]: import matplotlib.pyplot as plt

fig, ax1 = plt.subplots(figsize=(10, 6))

bar_color = 'skyblue'
line_color = 'purple'
axis_label_color = '#4a94c9'

bars = ax1.bar(
    recruiter_metrics['Recruiter'],
    recruiter_metrics['Avg Time to Hire (days)'],
    label='Avg Time to Hire (days)',
    color=bar_color,
    alpha=0.8
)
ax1.set_ylabel('Avg Time to Hire (days)', color=axis_label_color)
ax1.set_xlabel('Recruiter')
ax1.tick_params(axis='y', labelcolor=axis_label_color)
ax1.set_title('Recruiter Metrics: Time to Hire and Hires')

for bar in bars:
    height = bar.get_height()
    ax1.text(
        bar.get_x() + bar.get_width() / 2,
        height * 0.75,
        f'{int(height)}',
        ha='center',
        va='bottom',
        fontsize=10,
        color='black'
    )
```

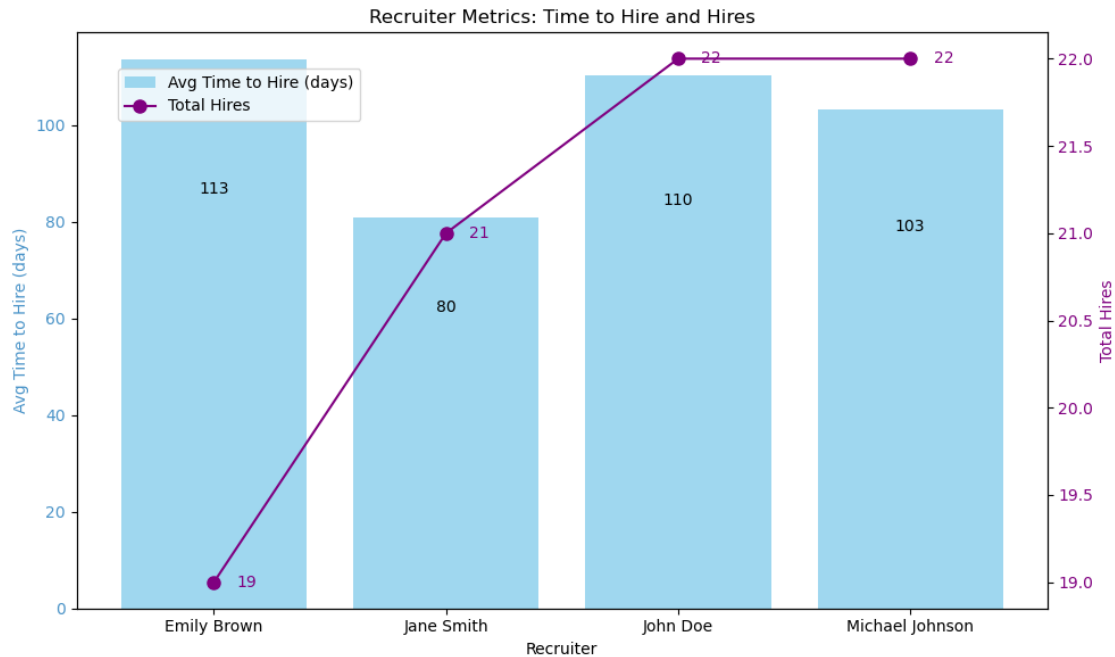
```

ax2 = ax1.twinx()
points = ax2.plot(
    recruiter_metrics['Recruiter'],
    recruiter_metrics['Total Hires'],
    label='Total Hires',
    color=line_color,
    marker='o',
    markersize=8,
    linestyle='-'
)
ax2.set_ylabel('Total Hires', color=line_color)
ax2.tick_params(axis='y', labelcolor=line_color)

for i, txt in enumerate(recruiter_metrics['Total Hires']):
    ax2.text(
        i + 0.1,
        txt,
        f'{txt}',
        ha='left',
        va='center',
        fontsize=10,
        color=line_color
    )

fig.legend(loc='upper left', bbox_to_anchor=(0.1, 0.9))
plt.xticks(rotation=45)
plt.tight_layout()
plt.show()

```



Key Findings

Time-to-Hire Performance

Overall Time-to-Hire Range - Fastest: Jane Smith (80 days) - Slowest: Emily Brown (113 days) - Average across recruiters: ~102 days

Recruiter Speed Comparison - Jane Smith performs significantly faster (-22% vs slowest) - Minimal difference between other recruiters (103-113 days) - ~32 day gap between fastest and slowest recruiter

Hiring Volume Performance

Total Hires Distribution - Top performers: Michael Johnson & John Doe (22 hires each) - Jane Smith: 21 hires - Emily Brown: 19 hires - Very consistent performance across team (19-22 range)

Team Productivity - Total team hires: 84 candidates - Average hires per recruiter: 21 candidates - Small variance in hiring numbers (± 1.5 from mean)

Insights

Efficiency vs Volume Trade-off - Jane Smith shows best balance of speed and volume (fastest TTH with 21 hires) - Emily Brown has opportunity for process optimization (slowest TTH but similar hire volume) - Michael Johnson and John Doe achieve highest volumes despite longer TTH

Process Standardization - Consistent hiring volumes suggest good process standardization - Significant TTH variations indicate different working methods - Opportunity to analyze Jane Smith's faster process for best practices

Recommendations - Share Jane Smith's recruitment practices with team - Investigate causes of longer TTH for Emily Brown - Consider setting team TTH benchmark around 90 days - Maintain

current workload distribution as volumes are well-balanced

[]: