



Data-to-Insight AI Analyst

Upload a CSV or Excel file to automatically generate trends, anomalies, and business recommendations.


Agent (Remote Sandbox)

Run the analysis fully inside an E2B sandbox. Prefer a dataset URL/presigned URL so the sandbox downloads the file directly. The dataset never goes to the LLM.


Dataset URL (preferred)


https://.../your-data.csv or .xlsx

Or upload to sandbox and drop file here



Browse files






fake_cus... 96.6KB 

> System check (deployment readiness)

Best place to run E2B: from this server-side app (Streamlit process). Provide presigned dataset URLs so the sandbox downloads the file directly over HTTPS.

Analysis Type

Select analysis type 

 Two-Phase Analysis (Basic + Deep Patterns) 

☒ Auto-run when input changes

Run Agent in E2B Sandbox



Phase 1: Data Overview

Total Revenue	Latest WoW Change	Trend
\$169,674	-68.58%	

↓ -68.58%



Decr...

Period: | Main Metric: first_response_minutes





Phase 2: Deep Pattern Analysis





Detected Patterns



● **Region B (region) decline trend** (Ending week of Nov 24, 2025)

-  Change: decline over 3 weeks
-  Action: *Monitor Region B performance and investigate causes of sustained decline.*



● **Region C (region) decline trend** (Ending week of Oct 13, 2025)

-  Change: decline over 3 weeks
-  Action: *Monitor Region C performance and investigate causes of sustained decline.*

● **Region D (region) growth trend** (Ending week of Oct 06, 2025)

-  Change: growth over 3 weeks
-  Action: *Monitor Region D performance and investigate causes of sustained growth.*

● **Region D (region) growth trend** (Ending week of Nov 17, 2025)



-  Change: growth over 3 weeks
-  Action: *Monitor Region D performance and investigate causes of sustained growth.*

● **Email (channel) decline trend** (Ending week of Dec 01, 2025)



-  Change: decline over 3 weeks

-  Action: *Monitor Email performance and investigate causes of sustained decline.*
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● **Phone (channel) decline trend** (Ending week of Oct 13, 2025)

-  Change: decline over 3 weeks
 -  Action: *Monitor Phone performance and investigate causes of sustained decline.*
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● **Social (channel) growth trend** (Ending week of Dec 15, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor Social performance and investigate causes of sustained growth.*
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● **Apparel (category) growth trend** (Ending week of Oct 06, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor Apparel performance and investigate causes of sustained growth.*
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● **Apparel (category) growth trend** (Ending week of Nov 17, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor Apparel performance and investigate causes of sustained growth.*
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● **Electronics (category) growth trend** (Ending week of Nov 17, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor Electronics performance and investigate causes of sustained growth.*
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● **Electronics (category) decline trend** (Ending week of Oct 20, 2025)



-  Change: decline over 3 weeks

-  Action: *Monitor Electronics performance and investigate causes of sustained decline.*
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● **Home & Kitchen (category) growth trend** (Ending week of Dec 15, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor Home & Kitchen performance and investigate causes of sustained growth.*
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● **High (priority) growth trend** (Ending week of Dec 15, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor High performance and investigate causes of sustained growth.*
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● **High (priority) decline trend** (Ending week of Oct 27, 2025)

-  Change: decline over 3 weeks
 -  Action: *Monitor High performance and investigate causes of sustained decline.*
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● **High (priority) decline trend** (Ending week of Nov 24, 2025)

-  Change: decline over 3 weeks
 -  Action: *Monitor High performance and investigate causes of sustained decline.*
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● **Low (priority) growth trend** (Ending week of Oct 06, 2025)



-  Change: growth over 3 weeks
 -  Action: *Monitor Low performance and investigate causes of sustained growth.*
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● **Low (priority) decline trend** (Ending week of Dec 01, 2025)


-  Change: decline over 3 weeks

-  Action: *Monitor Low performance and investigate causes of sustained decline.*
-



● **Medium (priority) decline trend** (Ending week of Oct 20, 2025)

-  Change: decline over 3 weeks
 -  Action: *Monitor Medium performance and investigate causes of sustained decline.*
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● **Urgent (priority) decline trend** (Ending week of Nov 17, 2025)

-  Change: decline over 3 weeks
 -  Action: *Monitor Urgent performance and investigate causes of sustained decline.*
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● **Resolved (outcome) growth trend** (Ending week of Nov 10, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor Resolved performance and investigate causes of sustained growth.*
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● **Resolved (outcome) decline trend** (Ending week of Dec 01, 2025)

-  Change: decline over 3 weeks
 -  Action: *Monitor Resolved performance and investigate causes of sustained decline.*
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● **Account/login (issue_type) growth trend** (Ending week of Nov 10, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor Account/login performance and investigate causes of sustained growth.*
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● **Billing issue (issue_type) growth trend** (Ending week of Dec 15, 2025)

-  Change: growth over 3 weeks

-  Action: *Monitor Billing issue performance and investigate causes of sustained growth.*
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● **Damaged item (issue_type) decline trend** (Ending week of Nov 03, 2025)

-  Change: decline over 3 weeks
 -  Action: *Monitor Damaged item performance and investigate causes of sustained decline.*
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● **Refund request (issue_type) growth trend** (Ending week of Dec 15, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor Refund request performance and investigate causes of sustained growth.*
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● **Tech support (issue_type) decline trend** (Ending week of Dec 15, 2025)

-  Change: decline over 3 weeks
 -  Action: *Monitor Tech support performance and investigate causes of sustained decline.*
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● **Wrong item (issue_type) growth trend** (Ending week of Nov 03, 2025)

-  Change: growth over 3 weeks
 -  Action: *Monitor Wrong item performance and investigate causes of sustained growth.*
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● **Wrong item (issue_type) decline trend** (Ending week of Nov 24, 2025)

-  Change: decline over 3 weeks
 -  Action: *Monitor Wrong item performance and investigate causes of sustained decline.*
-

● **Region Region A drop in first_response_minutes** (Week of Dec 22, 2025)

-  Change: -88.4% drop

- 💡 Action: *Investigate factors driving the drop in region Region A.*
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🔴 Region Region B drop in first_response_minutes (Week of Dec 22, 2025)

- 📊 Change: **-56.52% drop**
 - 💡 Action: *Investigate factors driving the drop in region Region B.*
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🔴 Region Region C drop in first_response_minutes (Week of Dec 22, 2025)

- 📊 Change: **-48.06% drop**
 - 💡 Action: *Investigate factors driving the drop in region Region C.*
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🔴 Region Region D drop in first_response_minutes (Week of Dec 22, 2025)

- 📊 Change: **-94.1% drop**
 - 💡 Action: *Investigate factors driving the drop in region Region D.*
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⚠️ Segment Anomalies

Region C (region): first_response_minutes dropped 48.06% WoW (2447 units above average)

Region A (region): first_response_minutes dropped 88.4% WoW (133 units above average)

Region D (region): first_response_minutes dropped 94.1% WoW (878 units above average)

Region B (region): first_response_minutes dropped 56.52% WoW (1117 units above average)

Email (channel): first_response_minutes dropped 66.58% WoW (2858 units below average)

Chat (channel): first_response_minutes dropped 72.71% WoW (2394 units above average)

Social (channel): first_response_minutes dropped 85.28% WoW (2230 units above average)

Apparel (category): first_response_minutes dropped 81.28% WoW (1004 units above average)

Home & Kitchen (category): first_response_minutes dropped 66.39% WoW (1981 units above average)

Electronics (category): first_response_minutes dropped 62.35% WoW (1590 units above average)

High (priority): first_response_minutes dropped 96.25% WoW (1484 units above average)

Medium (priority): first_response_minutes dropped 51.61% WoW (421 units below average)

Low (priority): first_response_minutes dropped 62.95% WoW (764 units above average)

Urgent (priority): first_response_minutes dropped 69.23% WoW (2749 units above average)

Pending customer (outcome): first_response_minutes dropped 85.35% WoW (2045 units above average)

Duplicate (outcome): first_response_minutes dropped 100.0% WoW (2605 units above average)

Resolved (outcome): first_response_minutes dropped 64.27% WoW (2060 units below average)

Escalated (outcome): first_response_minutes dropped 80.89% WoW (1985 units above average)

Billing issue (issue_type): first_response_minutes dropped 75.74% WoW (801 units above average)

Refund request (issue_type): first_response_minutes dropped 84.54% WoW (140 units above average)

Account/login (issue_type): first_response_minutes dropped 79.73% WoW (397 units above average)

Warranty claim (issue_type): first_response_minutes dropped 60.65% WoW (763 units above average)

Tech support (issue_type): first_response_minutes increased 227.86% WoW (1016 units above average)

Delivery delay (issue_type): first_response_minutes dropped 44.98% WoW (46 units below average)

Damaged item (issue_type): first_response_minutes dropped 99.04% WoW (420 units above average)

Wrong item (issue_type): first_response_minutes dropped 48.47% WoW (1083 units above average)



Key Insights

No insights returned.

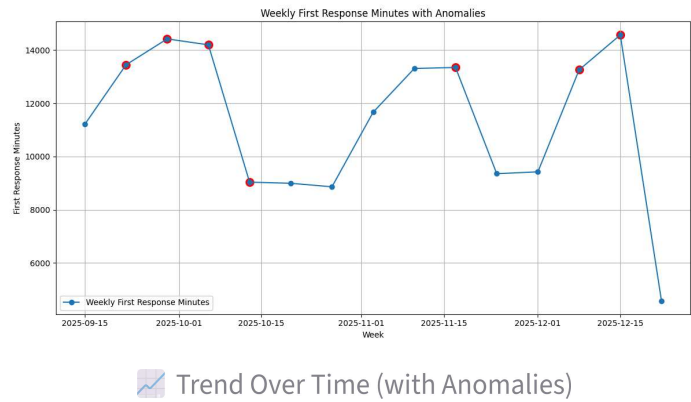


Recommendations

- Establish a weekly monitoring cadence with alerts.



Visualizations

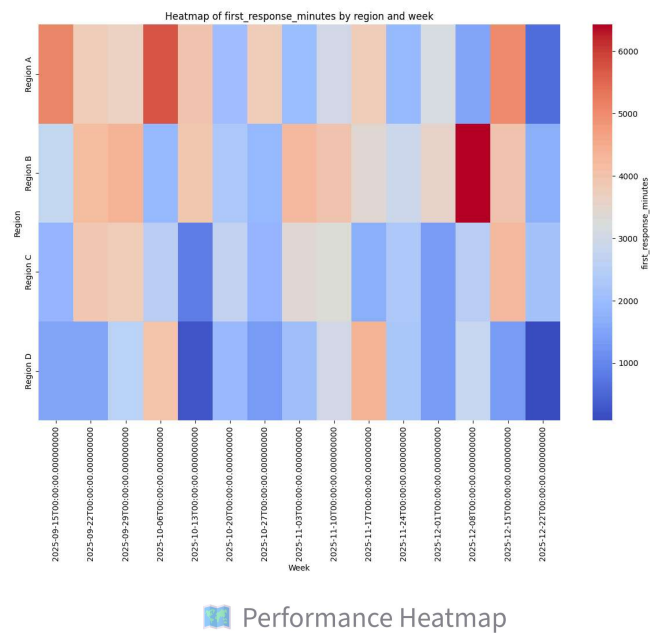


What this shows: The time series chart shows the weekly total first response minutes to support tickets with anomalies marked in red, indicating weeks with unusually high or low support response times.



What this shows: The segment comparison bar chart displays the top 5 performing segments for each categorical dimension during the latest week based on first response minutes.

Deep Pattern Analysis



What this shows: The heatmap reveals the distribution of first response minutes across different regions over multiple weeks, highlighting patterns and anomalies visually.

> Artifacts (debug)

› Raw insights.json

› Agent run log