

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Sales & Revenue Dashboard — US Superstore</title>

<style>

/* — NO EXTERNAL DEPENDENCIES — 100% OFFLINE — */

*,*::before,*::after{margin:0;padding:0;box-sizing:border-box}

:root{

  --bg:#f4f5f9;--surface:#fff;--border:#e5e7ef;

  --navy:#0f1b3c;--blue:#2563eb;--blue-lt:#eff4ff;

  --indigo:#4f46e5;--teal:#0891b2;--green:#16a34a;

  --amber:#d97706;--red:#dc2626;--muted:#6b7280;--text:#111827;

  --sh:0 1px 3px rgba(0,0,0,.07),0 4px 16px rgba(0,0,0,.05);

  --sh-md:0 4px 24px rgba(0,0,0,.12);

}

body{font-family:'Segoe UI',system-ui,-apple-system,sans-serif;background:var(--bg);color:var(--text);font-size:13.5px;line-height:1.5}

/* HEADER */

.hdr{background:var(--navy);display:flex;align-items:center;justify-content:space-between;padding:0 1.75rem;height:60px;position:sticky;top:0;z-index:200;box-shadow:0 2px 12px rgba(0,0,0,.3)}

.hd-l{display:flex;align-items:center;gap:.85rem}

.hd-ico{width:36px;height:36px;border-radius:9px;background:var(--blue);display:flex;align-items:center;justify-content:center;font-size:1.1rem;flex-shrink:0}

.hd-title{font-size:1.1rem;color:#fff;font-weight:700;letter-spacing:.2px}

.hd-sub{font-size:.62rem;color:#9ca3af;letter-spacing:.1em;text-transform:uppercase;margin-top:1px}

.hd-r{display:flex;align-items:center;gap:.5rem}

.hd-pill{background:rgba(255,255,255,.09);border:1px solid rgba(255,255,255,.13);color:#d1d5db;font-size:.65rem;font-weight:600;letter-spacing:.08em;text-transform:uppercase;padding:.26rem .7rem;border-radius:20px}

/* LAYOUT */

.layout{display:grid;grid-template-columns:215px 1fr;min-height:calc(100vh - 60px)}
```

```
/* SIDEBAR */
```

```

.sidebar{background:var(--surface);border-right:1px solid var(--border);padding:1.2rem
.9rem;display:flex;flex-direction:column;gap:.85rem;position:sticky;top:60px;height:calc(100vh -
60px);overflow-y:auto}

.sb-lbl{font-size:.61rem;font-weight:700;letter-spacing:.12em;text-transform:uppercase;color:var(--
muted);margin-bottom:.4rem;display:flex;align-items:center;gap:.35rem}

.sb-lbl::before{content:"";width:3px;height:11px;background:var(--blue);border-radius:2px;flex-shrink:0}

.sl-g{display:flex;flex-direction:column;gap:.28rem}

.sl-btn{width:100%;background:none;border:1px solid var(--border);border-radius:7px;padding:.42rem
.7rem;font-family:inherit;font-size:.77rem;font-weight:500;color:var(--muted);text-
align:left;cursor:pointer;transition:all .15s;display:flex;align-items:center;justify-content:space-between}

.sl-btn:hover{background:var(--blue-lt);border-color:var(--blue);color:var(--blue)}

.sl-btn.on{background:var(--blue);border-color:var(--blue);color:#fff;font-weight:600}

.sl-btn.on.sc{background:rgba(255,255,255,.2);color:#fff}

.sc{font-size:.62rem;font-weight:700;background:var(--blue-lt);color:var(--blue);padding:.08rem
.38rem;border-radius:10px}

.sb-div{height:1px;background:var(--border);margin:.1rem 0}

.rst-btn{width:100%;background:none;border:1px solid var(--border);border-
radius:7px;padding:.45rem;font-family:inherit;font-size:.74rem;font-weight:600;color:var(--
muted);cursor:pointer;transition:all .15s;margin-top:.2rem}

.rst-btn:hover{background:#fef2f2;border-color:var(--red);color:var(--red)}

/* CONTENT */

.content{padding:1.2rem 1.4rem 2rem}

/* FILTER BAR */

.af-bar{display:flex;align-items:center;gap:.45rem;flex-wrap:wrap;margin-bottom:.85rem;min-height:26px}

.af-lbl{font-size:.66rem;color:var(--muted);font-weight:600}

.af-tag{display:flex;align-items:center;gap:.28rem;background:var(--blue);color:#fff;font-size:.65rem;font-
weight:600;padding:.18rem .55rem;border-radius:20px}

.af-x{background:none;border:none;color:rgba(255,255,255,.7);cursor:pointer;font-size:.72rem;line-
height:1;padding:0}

.af-x:hover{color:#fff}

/* KPI */

.kpi-row{display:grid;grid-template-columns:repeat(5,1fr);gap:.85rem;margin-bottom:1rem}

.kpi{background:var(--surface);border:1px solid var(--border);border-radius:12px;padding:.95rem
1.05rem;box-shadow:var(--sh);transition:transform .2s,box-shadow .2s;animation:up .4s ease
both;cursor:default}

.kpi:hover{transform:translateY(-2px);box-shadow:var(--sh-md)}

.kpi-top{display:flex;align-items:flex-start;justify-content:space-between;margin-bottom:.55rem}

```

```
.kpi-ico{width:33px;height:33px;border-radius:8px;display:flex;align-items:center;justify-content:center;font-size:.9rem}

.kpi-badge{font-size:.64rem;font-weight:700;padding:.13rem .4rem;border-radius:20px}

.up{background:#dcfce7;color:var(--green)}.dn{background:#fee2e2;color:var(--red)}.nu{background:var(--blue-lt);color:var(--blue)}

.kpi-val{font-size:1.7rem;font-weight:700;color:var(--navy);line-height:1;letter-spacing:-.5px}

.kpi-lbl{font-size:.63rem;font-weight:600;letter-spacing:.08em;text-transform:uppercase;color:var(--muted);margin-top:.28rem}

.kpi-bar{height:3px;border-radius:3px;margin-top:.65rem}

.kpi:nth-child(1){animation-delay:.04s}.kpi:nth-child(2){animation-delay:.08s}.kpi:nth-child(3){animation-delay:.12s}.kpi:nth-child(4){animation-delay:.16s}.kpi:nth-child(5){animation-delay:.20s}
```

/* GRID */

```
.g-row{display:grid;gap:.85rem;margin-bottom:.85rem}

.g2l{grid-template-columns:1.7fr 1fr}

.g3{grid-template-columns:1fr 1fr 1fr}

.g2{grid-template-columns:1fr 1fr}

.g1{grid-template-columns:1fr}
```

/* CARD */

```
.card{background:var(--surface);border:1px solid var(--border);border-radius:12px;padding:1.05rem 1.15rem;box-shadow:var(--sh);animation:up .5s ease both}

.card-hd{display:flex;align-items:flex-start;justify-content:space-between;margin-bottom:.85rem}

.card-eye{font-size:.6rem;font-weight:700;letter-spacing:.12em;text-transform:uppercase;color:var(--muted);margin-bottom:.12rem}

.card-title{font-size:.95rem;font-weight:700;color:var(--navy)}

.card-tag{font-size:.6rem;font-weight:700;letter-spacing:.07em;text-transform:uppercase;padding:.18rem .5rem;border-radius:20px;background:var(--blue-lt);color:var(--blue);white-space:nowrap;flex-shrink:0}
```

/* CANVAS CHARTS */

```
canvas{display:block}

.chart-box{position:relative;width:100%}
```

/* DONUT LAYOUT */

```
.donut-flex{display:flex;align-items:center;gap:1rem}

.donut-leg{display:flex;flex-direction:column;gap:.55rem}

.dl-row{display:flex;align-items:center;gap:.55rem}

.dl-dot{width:9px;height:9px;border-radius:2px;flex-shrink:0}
```

```

.dl-name{font-size:.77rem;flex:1;color:var(--text)}
.dl-val{font-size:.8rem;font-weight:700;color:var(--navy)}
.dl-pct{font-size:.67rem;color:var(--muted);margin-left:.15rem}

/* TABLE */

.tbl-wrap{overflow-x:auto;margin-top:.15rem}
table{width:100%;border-collapse:collapse}
thead th{font-size:.62rem;font-weight:700;letter-spacing:.09em;text-transform:uppercase;color:var(--muted);padding:.52rem .72rem;text-align:left;border-bottom:2px solid var(--border);white-space:nowrap}
tbody td{padding:.57rem .72rem;font-size:.79rem;border-bottom:1px solid var(--border)}
tbody tr:last-child td{border-bottom:none}
tbody tr:hover td{background:#f9fbff}

.dot{display:inline-block;width:7px;height:7px;border-radius:50%;margin-right:.4rem}
.pill{display:inline-block;padding:.13rem .45rem;border-radius:20px;font-size:.67rem;font-weight:600}
.pg{background:#dcfce7;color:var(--green)}.pr{background:#fee2e2;color:var(--red)}.pb{background:var(--blue-lt);color:var(--blue)}.pa{background:#fef3c7;color:var(--amber)}
.mb{background:var(--bg);border-radius:4px;height:5px;min-width:75px}
.mf{height:100%;border-radius:4px}

/* ETH BARS */

.eth-bar-row{margin-bottom:.55rem}
.eth-meta{display:flex;justify-content:space-between;margin-bottom:.2rem;font-size:.76rem}
.eth-track{height:6px;background:var(--bg);border-radius:10px;overflow:hidden}
.eth-fill{height:100%;border-radius:10px;transition:width .8s ease}

/* FOOTER */

footer{text-align:center;padding:.9rem;font-size:.68rem;color:var(--muted);border-top:1px solid var(--border);letter-spacing:.05em}

/* ANIMATION */

@keyframes up{from{opacity:0;transform:translateY(14px)}to{opacity:1;transform:translateY(0)}}

/* SCROLLBAR */

::-webkit-scrollbar{width:5px;height:5px}
::-webkit-scrollbar-track{background:transparent}
::-webkit-scrollbar-thumb{background:var(--border);border-radius:5px}

```


</style>

</head>

<body>

<header class="hdr">

<div class="hd-l">

<div class="hd-ico">  </div>

<div>

<div class="hd-title">Sales & Revenue Dashboard</div>

<div class="hd-sub">US Superstore · 2014–2017</div>

</div>

</div>

<div class="hd-r">

9,994 Records

793 Customers

FY 2014–2017

</div>

</header>

<div class="layout">

<!-- SIDEBAR -->

<aside class="sidebar">

<div>

<div class="sb-lbl">Year</div>

<div class="sl-g">

<button class="sl-btn on" data-t="year" data-v="All">All Years 4</button>

<button class="sl-btn" data-t="year" data-v="2014">2014 1,716</button>

<button class="sl-btn" data-t="year" data-v="2015">2015 2,131</button>

<button class="sl-btn" data-t="year" data-v="2016">2016 2,880</button>

<button class="sl-btn" data-t="year" data-v="2017">2017 3,267</button>

</div>

</div>

<div class="sb-div"></div>

<div>

```
<div class="sb-lbl">Category</div>

<div class="sl-g">

  <button class="sl-btn on" data-t="cat" data-v="All">All Categories <span
class="sc">3</span></button>

  <button class="sl-btn" data-t="cat" data-v="Technology">Technology <span
class="sc">1,849</span></button>

  <button class="sl-btn" data-t="cat" data-v="Furniture">Furniture <span
class="sc">2,121</span></button>

  <button class="sl-btn" data-t="cat" data-v="Office Supplies">Office Supplies <span
class="sc">6,026</span></button>

</div>

</div>

<div class="sb-div"></div>

<div>

  <div class="sb-lbl">Segment</div>

  <div class="sl-g">

    <button class="sl-btn on" data-t="seg" data-v="All">All Segments <span
class="sc">3</span></button>

    <button class="sl-btn" data-t="seg" data-v="Consumer">Consumer <span
class="sc">5,191</span></button>

    <button class="sl-btn" data-t="seg" data-v="Corporate">Corporate <span
class="sc">3,020</span></button>

    <button class="sl-btn" data-t="seg" data-v="Home Office">Home Office <span
class="sc">1,783</span></button>

  </div>

</div>

<div class="sb-div"></div>

<div>

  <div class="sb-lbl">Region</div>

  <div class="sl-g">

    <button class="sl-btn on" data-t="reg" data-v="All">All Regions <span class="sc">4</span></button>

    <button class="sl-btn" data-t="reg" data-v="West">West <span class="sc">3,203</span></button>

    <button class="sl-btn" data-t="reg" data-v="East">East <span class="sc">2,848</span></button>

    <button class="sl-btn" data-t="reg" data-v="Central">Central <span class="sc">2,323</span></button>

    <button class="sl-btn" data-t="reg" data-v="South">South <span class="sc">1,620</span></button>

  </div>

</div>

<div class="sb-div"></div>
```

```
<div>
  <div class="sb-lbl">Ship Mode</div>
  <div class="sl-g">
    <button class="sl-btn on" data-t="ship" data-v="All">All Modes <span class="sc">4</span></button>
    <button class="sl-btn" data-t="ship" data-v="Standard Class">Standard Class</button>
    <button class="sl-btn" data-t="ship" data-v="Second Class">Second Class</button>
    <button class="sl-btn" data-t="ship" data-v="First Class">First Class</button>
    <button class="sl-btn" data-t="ship" data-v="Same Day">Same Day</button>
  </div>
</div>

<button class="rst-btn" onclick="resetAll()">⌂ Reset All Filters</button>
</aside>
```

```
<!-- MAIN -->
```

```
<main class="content">
```

```
<!-- Filter tags -->
<div class="af-bar" id="afBar">
  <span class="af-lbl">Filters:</span>
  <span style="font-size:.72rem;color:var(--muted);font-style:italic">No filters applied — showing all
data</span>
</div>
```

```
<!-- KPIs -->
<div class="kpi-row">
  <div class="kpi">
    <div class="kpi-top"><div class="kpi-ico" style="background:#eff4ff">💰 </div><span class="kpi-
badge up" id="kb1">↑ +20%</span></div>
    <div class="kpi-val" id="kv1">$2.30M</div><div class="kpi-lbl">Total Revenue</div>
    <div class="kpi-bar" style="background:linear-gradient(90deg,#2563eb,#818cf8)"></div>
  </div>
  <div class="kpi">
    <div class="kpi-top"><div class="kpi-ico" style="background:#f0fdf4">📈 </div><span class="kpi-
badge up" id="kb2">↑ +14%</span></div>
    <div class="kpi-val" id="kv2">$286K</div><div class="kpi-lbl">Total Profit</div>
    <div class="kpi-bar" style="background:linear-gradient(90deg,#16a34a,#4ade80)"></div>
```

</div>

<div class="kpi">

<div class="kpi-top"><div class="kpi-ico" style="background:#fef3c7">🛒 </div>Orders</div>

<div class="kpi-val" id="kv3">5,009</div><div class="kpi-lbl">Total Orders</div>

<div class="kpi-bar" style="background:linear-gradient(90deg,#d97706,#fbbf24)"></div>

</div>

<div class="kpi">

<div class="kpi-top"><div class="kpi-ico" style="background:#f0fdfa">🇮🇹 </div>Margin</div>

<div class="kpi-val" id="kv4">12.5%</div><div class="kpi-lbl">Profit Margin</div>

<div class="kpi-bar" style="background:linear-gradient(90deg,#0891b2,#38bdf8)"></div>

</div>

<div class="kpi">

<div class="kpi-top"><div class="kpi-ico" style="background:#fdf4ff">👥 </div>793</div>

<div class="kpi-val" id="kv5">793</div><div class="kpi-lbl">Customers</div>

<div class="kpi-bar" style="background:linear-gradient(90deg,#4f46e5,#a78bfa)"></div>

</div>

</div>

<!-- ROW 1: Line + Segment -->

<div class="g-row g21">

<div class="card">

<div class="card-hd"><div><div class="card-eye">Performance Over Time</div><div class="card-title">Monthly Revenue & Profit — 2017</div></div>Line Chart</div>

<div class="chart-box" style="height:200px"><canvas id="cLine"></canvas></div>

</div>

<div class="card">

<div class="card-hd"><div><div class="card-eye">Customer Segments</div><div class="card-title">Revenue by Segment</div></div>Donut</div>

<div class="donut-flex">

<canvas id="cSeg" width="130" height="130" style="flex-shrink:0"></canvas>

<div class="donut-leg">

<div class="dl-row"><div class="dl-dot" style="background:#2563eb"></div>Consumer\$1.16M51%</div>

```
<div class="dl-row"><div class="dl-dot" style="background:#0891b2"></div><span class="dl-
name">Corporate</span><span class="dl-val">$706K</span><span class="dl-pct">31%</span></div>

<div class="dl-row"><div class="dl-dot" style="background:#4f46e5"></div><span class="dl-
name">Home Office</span><span class="dl-val">$430K</span><span class="dl-pct">18%</span></div>

</div>

</div>

</div>

</div>
```

```
<!-- ROW 2: Cat + Region + YoY -->

<div class="g-row g3">

  <div class="card">

    <div class="card-hd"><div><div class="card-eye">Product Categories</div><div class="card-
title">Sales vs Profit</div></div><span class="card-tag">Bar</span></div>

    <div class="chart-box" style="height:180px"><canvas id="cCat"></canvas></div>

  </div>

  <div class="card">

    <div class="card-hd"><div><div class="card-eye">Geography</div><div class="card-title">Sales by
Region</div></div><span class="card-tag">Bar</span></div>

    <div class="chart-box" style="height:180px"><canvas id="cReg"></canvas></div>

  </div>

  <div class="card">

    <div class="card-hd"><div><div class="card-eye">Year-over-Year</div><div class="card-
title">Annual Growth</div></div><span class="card-tag">Column</span></div>

    <div class="chart-box" style="height:180px"><canvas id="cYoy"></canvas></div>

  </div>

</div>
```

```
<!-- ROW 3: Sub-cat + Ship -->

<div class="g-row g2">

  <div class="card">

    <div class="card-hd"><div><div class="card-eye">Sub-Category Analysis</div><div class="card-
title">Profit by Sub-Category</div></div><span class="card-tag">Horizontal Bar</span></div>

    <div class="chart-box" style="height:230px"><canvas id="cSub"></canvas></div>

  </div>

  <div class="card">

    <div class="card-hd"><div><div class="card-eye">Logistics</div><div class="card-title">Revenue by
Ship Mode</div></div><span class="card-tag">Donut</span></div>
```

```

<div class="donut-flex" style="height:230px;align-items:center">
  <canvas id="cShip" style="flex:1;max-width:180px;max-height:180px"></canvas>
  <div class="donut-leg" style="width:130px">
    <div class="dl-row"><div class="dl-dot" style="background:#2563eb"></div><span class="dl-
name">Standard</span><span class="dl-val" style="font-size:.73rem">$1.36M</span></div>
    <div class="dl-row"><div class="dl-dot" style="background:#0891b2"></div><span class="dl-
name">Second</span><span class="dl-val" style="font-size:.73rem">$459K</span></div>
    <div class="dl-row"><div class="dl-dot" style="background:#4f46e5"></div><span class="dl-
name">First</span><span class="dl-val" style="font-size:.73rem">$351K</span></div>
    <div class="dl-row"><div class="dl-dot" style="background:#d97706"></div><span class="dl-
name">Same Day</span><span class="dl-val" style="font-size:.73rem">$128K</span></div>
  </div>
</div>
</div>
</div>

<!-- ROW 4: Tables -->
<div class="g-row g2">
  <div class="card">
    <div class="card-hd"><div><div class="card-eye">Geographic Detail</div><div class="card-title">Top
10 States by Revenue</div></div><span class="card-tag">Table</span></div>
    <div class="tbl-wrap">
      <table><thead><tr><th>#</th><th>State</th><th>Revenue</th><th>Share</th></tr></thead>
      <tbody>
        <tr><td>1</td><td>🌊 California</td><td><strong>$457,688</strong></td><td><div
class="mb"><div class="mf" style="width:100%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>
        <tr><td>2</td><td>🗽 New York</td><td><strong>$310,876</strong></td><td><div
class="mb"><div class="mf" style="width:68%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>
        <tr><td>3</td><td>🌟 Texas</td><td><strong>$170,188</strong></td><td><div class="mb"><div
class="mf" style="width:37%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>
        <tr><td>4</td><td>🌲 Washington</td><td><strong>$138,641</strong></td><td><div
class="mb"><div class="mf" style="width:30%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>
        <tr><td>5</td><td>🔔 Pennsylvania</td><td><strong>$116,512</strong></td><td><div
class="mb"><div class="mf" style="width:25%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>

```

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        <tr><td>6</td><td> 🌴 Florida</td><td><strong>$89,474</strong></td><td><div class="mb"><div
class="mf" style="width:20%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>

        <tr><td>7</td><td> 🌊 Illinois</td><td><strong>$80,166</strong></td><td><div class="mb"><div
class="mf" style="width:18%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>

        <tr><td>8</td><td> 🏰 Ohio</td><td><strong>$78,258</strong></td><td><div class="mb"><div
class="mf" style="width:17%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>

        <tr><td>9</td><td> 🚗 Michigan</td><td><strong>$76,270</strong></td><td><div
class="mb"><div class="mf" style="width:17%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>

        <tr><td>10</td><td> 🏰 Virginia</td><td><strong>$70,637</strong></td><td><div
class="mb"><div class="mf" style="width:15%;background:linear-
gradient(90deg,#2563eb,#818cf8)"></div></div></td></tr>

    </tbody></table>

</div>

</div>

<div class="card">

    <div class="card-hd"><div><div class="card-eye">Customer Intelligence</div><div class="card-
title">Top 10 Customers by Revenue</div></div><span class="card-tag">Table</span></div>

    <div class="tbl-wrap">

<table><thead><tr><th>#</th><th>Customer</th><th>Revenue</th><th>Profit</th><th>Status</th></tr>
</thead>

    <tbody>

        <tr><td>1</td><td><strong>Sean Miller</strong></td><td>$25,043</td><td style="color:var(--
red)">-$1,981</td><td><span class="pill pr">Loss</span></td></tr>

        <tr><td>2</td><td><strong>Tamara Chand</strong></td><td>$19,052</td><td style="color:var(--
green)">$8,981</td><td><span class="pill pg">Top 🌟</span></td></tr>

        <tr><td>3</td><td><strong>Raymond Buch</strong></td><td>$15,117</td><td style="color:var(--
green)">$6,976</td><td><span class="pill pg">Good</span></td></tr>

        <tr><td>4</td><td><strong>Tom Ashbrook</strong></td><td>$14,596</td><td style="color:var(--
green)">$4,704</td><td><span class="pill pg">Good</span></td></tr>

        <tr><td>5</td><td><strong>Adrian Barton</strong></td><td>$14,474</td><td style="color:var(--
green)">$5,445</td><td><span class="pill pg">Good</span></td></tr>

        <tr><td>6</td><td><strong>Ken Lonsdale</strong></td><td>$14,175</td><td style="color:var(--
amber)">$807</td><td><span class="pill pa">Low</span></td></tr>

        <tr><td>7</td><td><strong>Sanjit Chand</strong></td><td>$14,142</td><td style="color:var(--
green)">$5,757</td><td><span class="pill pg">Good</span></td></tr>

        <tr><td>8</td><td><strong>Hunter Lopez</strong></td><td>$12,873</td><td style="color:var(--
green)">$5,622</td><td><span class="pill pg">Good</span></td></tr>

```

<tr><td>9</td><td>Sanjit Engle</td><td>\$12,209</td><td style="color:var(--green)">\$2,651</td><td>Fair</td></tr>

<tr><td>10</td><td>C. Conant</td><td>\$12,129</td><td style="color:var(--green)">\$2,177</td><td>Fair</td></tr>

</tbody></table>

</div>

</div>

</div>

<!-- ROW 5: Sub-cat detail table -->

<div class="g-row g1">

<div class="card">

<div class="card-hd"><div><div class="card-eye">Detailed Data</div><div class="card-title">Sub-Category Performance — Sales, Profit & Margin</div></div>Detail Table</div>

<div class="tbl-wrap">

<table><thead><tr><th>Sub-Category</th><th>Category</th><th>Sales</th><th>Profit</th><th>Margin</th><th>Qty</th><th>Rating</th><th>Performance</th></tr></thead>

<tbody>

<tr><td>Copiers</td><td>Tech</td><td>\$149,528</td><td style="color:var(--green)">\$55,618</td><td style="color:var(--green)">37.2%</td><td>234</td><td>★ Star</td><td><div class="mb"><div class="mf" style="width:100%;background:linear-gradient(90deg,#2563eb,#4f46e5)"></div></div></td></tr>

<tr><td>Accessories</td><td>Tech</td><td>\$167,380</td><td style="color:var(--green)">\$41,937</td><td style="color:var(--green)">25.1%</td><td>2,561</td><td>★ Star</td><td><div class="mb"><div class="mf" style="width:75%;background:linear-gradient(90deg,#2563eb,#4f46e5)"></div></div></td></tr>

<tr><td>Phones</td><td>Tech</td><td>\$330,007</td><td style="color:var(--green)">\$44,516</td><td>13.5%</td><td>3,289</td><td>Good</td><td><div class="mb"><div class="mf" style="width:80%;background:linear-gradient(90deg,#2563eb,#4f46e5)"></div></div></td></tr>

<tr><td>Binders</td><td>Office</td><td>\$203,413</td><td style="color:var(--green)">\$30,222</td><td>14.9%</td><td>5,974</td><td>Good</td><td><div class="mb"><div class="mf" style="width:54%;background:linear-gradient(90deg,#2563eb,#4f46e5)"></div></div></td></tr>

```
<tr><td><span class="dot"
style="background:#4f46e5"></span><strong>Chairs</strong></td><td><span class="pill
pa">Furn</span></td><td>$328,449</td><td style="color:var(--
green)">$26,590</td><td><strong>8.1%</strong></td><td>2,356</td><td><span class="pill
pa">Watch</span></td><td><div class="mb"><div class="mf" style="width:62%;background:linear-
gradient(90deg,#d97706,#fbbf24)"></div></div></td></tr>

<tr><td><span class="dot"
style="background:#d97706"></span><strong>Machines</strong></td><td><span class="pill
pb">Tech</span></td><td>$189,239</td><td style="color:var(--
amber)">$3,385</td><td><strong>1.8%</strong></td><td>440</td><td><span class="pill
pa">Watch</span></td><td><div class="mb"><div class="mf" style="width:38%;background:linear-
gradient(90deg,#d97706,#fbbf24)"></div></div></td></tr>

<tr><td><span class="dot"
style="background:#dc2626"></span><strong>Tables</strong></td><td><span class="pill
pa">Furn</span></td><td>$206,966</td><td style="color:var(--red)">-$17,725</td><td style="color:var(--
red)"><strong>-8.6%</strong></td><td>1,241</td><td><span class="pill pr"> ✖
Loss</span></td><td><div class="mb"><div class="mf" style="width:42%;background:linear-
gradient(90deg,#dc2626,#f87171)"></div></div></td></tr>

<tr><td><span class="dot"
style="background:#dc2626"></span><strong>Bookcases</strong></td><td><span class="pill
pa">Furn</span></td><td>$114,880</td><td style="color:var(--red)">-$3,473</td><td style="color:var(--
red)"><strong>-3.0%</strong></td><td>868</td><td><span class="pill pr"> ✖
Loss</span></td><td><div class="mb"><div class="mf" style="width:23%;background:linear-
gradient(90deg,#dc2626,#f87171)"></div></div></td></tr>

<tr><td><span class="dot"
style="background:#0891b2"></span><strong>Storage</strong></td><td><span class="pill
pb">Office</span></td><td>$223,844</td><td style="color:var(--
green)">$21,279</td><td><strong>9.5%</strong></td><td>3,158</td><td><span class="pill
pb">Fair</span></td><td><div class="mb"><div class="mf" style="width:45%;background:linear-
gradient(90deg,#2563eb,#4f46e5)"></div></div></td></tr>

<tr><td><span class="dot"
style="background:#0891b2"></span><strong>Appliances</strong></td><td><span class="pill
pb">Office</span></td><td>$107,532</td><td style="color:var(--
green)">$18,138</td><td><strong>16.9%</strong></td><td>1,729</td><td><span class="pill
pg">Good</span></td><td><div class="mb"><div class="mf" style="width:33%;background:linear-
gradient(90deg,#2563eb,#4f46e5)"></div></div></td></tr>

</tbody></table>

</div>

</div>

</div>

</main>

</div>
```

<script>

// =====

// PURE VANILLA JS CHART ENGINE — NO DEPENDENCIES

// =====

```
const COLORS = {  
  blue:'#2563eb', teal:'#0891b2', indigo:'#4f46e5',  
  green:'#16a34a', amber:'#d97706', red:'#dc2626',  
  gray:'#9ca3af', lightGray:'rgba(0,0,0,.05)',  
  blueA:'rgba(37,99,235,.75)', tealA:'rgba(8,145,178,.75)',  
  indigoA:'rgba(79,70,229,.75)', greenA:'rgba(22,163,74,.65)',  
  redA:'rgba(220,38,38,.75)', amberA:'rgba(217,119,6,.75)'  
};
```

// — HELPERS —————

```
function px(v){ return Math.round(v); }
```

```
function setupCanvas(id, h){  
  const canvas = document.getElementById(id);  
  const parent = canvas.parentElement;  
  const dpr = window.devicePixelRatio || 1;  
  const w = parent.clientWidth || 400;  
  canvas.width = w * dpr;  
  canvas.height = h * dpr;  
  canvas.style.width = w + 'px';  
  canvas.style.height = h + 'px';  
  const ctx = canvas.getContext('2d');  
  ctx.scale(dpr, dpr);  
  return { ctx, w, h };  
}
```

```
function formatK(v){  
  if(Math.abs(v) >= 1000000) return '$'+(v/1000000).toFixed(1)+'M';  
  if(Math.abs(v) >= 1000) return '$'+(v/1000).toFixed(0)+'K';  
}
```

```
    return '$'+v;
}
```

```
function drawGrid(ctx, x0, y0, w, h, steps=5){
    ctx.strokeStyle = 'rgba(0,0,0,.05)';
    ctx.lineWidth = 1;
    for(let i=0; i<=steps; i++){
        const y = y0 + (h/steps)*i;
        ctx.beginPath(); ctx.moveTo(x0,y); ctx.lineTo(x0+w,y); ctx.stroke();
    }
}
```

```
function drawYLabels(ctx, x0, y0, h, min, max, steps=5){
    ctx.fillStyle = '#9ca3af';
    ctx.font = '9px Segoe UI,system-ui,sans-serif';
    ctx.textAlign = 'right';
    for(let i=0; i<=steps; i++){
        const val = max - (max-min)/steps*i;
        const y = y0 + (h/steps)*i;
        ctx.fillText(formatK(val), x0-6, y+4);
    }
}
```

```
function drawXLabels(ctx, labels, x0, y0, colW){
    ctx.fillStyle = '#9ca3af';
    ctx.font = '9.5px Segoe UI,system-ui,sans-serif';
    ctx.textAlign = 'center';
    labels.forEach((l,i)=> ctx.fillText(l, x0+colW*i+colW/2, y0+14));
}
```

```
function lerp(a,b,t){ return a+(b-a)*t; }
```

```
// — ANIMATION ENGINE —————
const animations = [];
function animate(fn, duration=600){
```

```

const start = performance.now();

function frame(now){
  const t = Math.min((now-start)/duration, 1);
  const ease = 1-Math.pow(1-t, 3);
  fn(ease);
  if(t<1) requestAnimationFrame(frame);
}

requestAnimationFrame(frame);
}

// ——— TOOLTIP —————

let tip = null;

function showTip(canvas, x, y, text){
  if(!tip){ tip=document.createElement('div');
tip.style.cssText='position:fixed;background:#0f1b3c;color:#f9fafb;padding:6px 10px;border-
radius:8px;font-size:12px:pointer-events:none;z-index:999;box-shadow:0 4px 14px
rgba(0,0,0,.3);transition:opacity .1s'; document.body.appendChild(tip); }

  const r = canvas.getBoundingClientRect();

  tip.textContent = text;

  tip.style.left = (r.left + x + 10) + 'px';
  tip.style.top = (r.top + y - 10) + 'px';
  tip.style.opacity = '1';
}

function hideTip(){ if(tip) tip.style.opacity='0'; }

// =====
// CHART 1 — LINE CHART
// =====

const lineData = {
  labels:['Jan','Feb','Mar','Apr','May','Jun','Jul','Aug','Sep','Oct','Nov','Dec'],
  sales: [43971,20301,58872,36522,44261,52982,45264,63121,87867,77777,118448,83829],
  profit:[5200, 2100, 8100, 4200, 5800, 7100, 5500, 9200,13000,11200, 18400, 13900]
};

function drawLine(){

```

```

const {ctx,w,h} = setupCanvas('cLine',200);
const PAD={top:15,right:12,bottom:32,left:52};
const cW=w-PAD.left-PAD.right, cH=h-PAD.top-PAD.bottom;
const x0=PAD.left, y0=PAD.top;
const allVals=[...lineData.sales,...lineData.profit];
const max=Math.max(...allVals)*1.08, min=0;
const cols=lineData.labels.length-1;
const xStep=cW/cols;

function yPos(v){ return y0+cH-(v-min)/(max-min)*cH; }
function xPos(i){ return x0+i*xStep; }

ctx.clearRect(0,0,w,h);
drawGrid(ctx,x0,y0,cW,cH,4);
drawYLabels(ctx,x0,y0,cH,min,max,4);
drawXLabels(ctx,lineData.labels,x0,y0+cH,xStep);

function drawDataset(data, color, progress){
  // Gradient fill
  const grad=ctx.createLinearGradient(0,y0,0,y0+cH);
  grad.addColorStop(0,color.replace(' ','0.18').replace('rgb','rgba'));
  grad.addColorStop(1,color.replace(' ','0').replace('rgb','rgba'));

  const pts=Math.ceil((cols)*progress+1);
  ctx.beginPath();
  ctx.moveTo(xPos(0),yPos(data[0]));
  for(let i=1;i<pts;i++){
    const xi=xPos(i), yi=yPos(data[i]);
    const px0=xPos(i-1), py0=yPos(data[i-1]);
    const cpx=(px0+xi)/2;
    ctx.bezierCurveTo(cpx,py0,cpx,yi,xi,yi);
  }
  ctx.strokeStyle=color; ctx.lineWidth=2.5; ctx.stroke();

  // Fill

```

```

ctx.lineTo(xPos(pts-1),y0+cH);
ctx.lineTo(xPos(0),y0+cH);
ctx.closePath();
ctx.fillStyle=grad; ctx.fill();

// Dots
for(let i=0;i<pts;i++){
  ctx.beginPath();
  ctx.arc(xPos(i),yPos(data[i]),3,0,Math.PI*2);
  ctx.fillStyle='#fff'; ctx.fill();
  ctx.strokeStyle=color; ctx.lineWidth=2; ctx.stroke();
}
}

animate(t=>{
  ctx.clearRect(0,0,w,h);
  drawGrid(ctx,x0,y0,cW,cH,4);
  drawYLabels(ctx,x0,y0,cH,min,max,4);
  drawXLabels(ctx,lineData.labels,x0,y0+cH,xStep);
  drawDataset(lineData.sales, COLORS.blue, t);
  drawDataset(lineData.profit, COLORS.green, t);
  // Legend
  ctx.fillStyle=COLORS.blue; ctx.fillRect(x0,h-8,18,3);
  ctx.fillStyle='#6b7280'; ctx.font='9.5px Segoe UI'; ctx.textAlign='left'; ctx.fillText('Sales',x0+22,h-4);
  ctx.fillStyle=COLORS.green; ctx.fillRect(x0+70,h-8,18,3);
  ctx.fillText('Profit',x0+92,h-4);
});

// Tooltip
const canvas=document.getElementById('cLine');
canvas.onmousemove=e=>{
  const r=canvas.getBoundingClientRect();
  const mx=(e.clientX-r.left)*(canvas.width/canvas.offsetWidth/window.devicePixelRatio);
  const idx=Math.round((mx-x0)/xStep);
  if(idx>=0&&idx<lineData.labels.length){

```

```

    showTip(canvas,mx,yPos(lineData.sales[idx]),
    lineData.labels[idx]+' — Sales: '+formatK(lineData.sales[idx])+' | Profit:
'+formatK(lineData.profit[idx]));
  }
};
canvas.onmouseleave=hideTip;
}

```

```
// =====
```

```
// CHART 2 — DONUT CHART (Segment)
```

```
// =====
```

```

function drawDonut(id, data, colors, cutout=0.68){
  const canvas=document.getElementById(id);
  const dpr=window.devicePixelRatio||1;
  const s=130;
  canvas.width=s*dpr; canvas.height=s*dpr;
  canvas.style.width=s+'px'; canvas.style.height=s+'px';
  const ctx=canvas.getContext('2d');
  ctx.scale(dpr,dpr);
  const cx=s/2, cy=s/2, r=s/2-6;

  const total=data.reduce((a,b)=>a+b,0);
  animate(t=>{
    ctx.clearRect(0,0,s,s);
    let angle=-Math.PI/2;
    data.forEach((v,i)=>{
      const slice=(v/total)*Math.PI*2*t;
      ctx.beginPath();
      ctx.moveTo(cx,cy);
      ctx.arc(cx,cy,r,angle,angle+slice);
      ctx.closePath();
      ctx.fillStyle=colors[i]; ctx.fill();
      angle+=slice;
    });
  });
  // Cutout

```

```

ctx.beginPath();
ctx.arc(cx,cy,r*cutout,0,Math.PI*2);
ctx.fillStyle='#fff'; ctx.fill();
},700);

const canvas2=canvas;
canvas2.onmousemove=e=>{
  const r2=canvas2.getBoundingClientRect();
  const mx=e.clientX-r2.left, my=e.clientY-r2.top;
  const dx=mx-cx, dy=my-cy, dist=Math.sqrt(dx*dx+dy*dy);
  if(dist<r && dist>r*cutout){
    let a=Math.atan2(dy,dx)-(-Math.PI/2);
    if(a<0)a+=Math.PI*2;
    let cum=0;
    const total2=data.reduce((a2,b)=>a2+b,0);
    for(let i=0;i<data.length;i++){
      cum+=(data[i]/total2)*Math.PI*2;
      if(a<=cum){ showTip(canvas2,mx,my,formatK(data[i])+(' '+Math.round(data[i]/total2*100)+'%'));
break; }
    }
  } else hideTip();
};
canvas2.onmouseleave=hideTip;
}

```

```

// =====
// CHART 3 — GROUPED BAR CHART
// =====

```

```

function drawGroupedBar(id, labels, datasets, h=180){
  const {ctx,w} = setupCanvas(id,h);
  const PAD={top:15,right:12,bottom:32,left:55};
  const cW=w-PAD.left-PAD.right, cH=h-PAD.top-PAD.bottom;
  const x0=PAD.left, y0=PAD.top;
  const allVals=datasets.flatMap(d=>d.data);
  const max=Math.max(...allVals)*1.1, min=0;

```

```

const groupW=cW/labels.length;
const barW=(groupW*0.7)/datasets.length;
const gap=groupW*0.15;

function yPos(v){ return y0+cH-(v-min)/(max-min)*cH; }
function barH(v){ return (v-min)/(max-min)*cH; }

animate(t=>{
  ctx.clearRect(0,0,w,h);
  drawGrid(ctx,x0,y0,cW,cH,4);
  drawYLabels(ctx,x0,y0,cH,min,max,4);

  labels.forEach((l,gi)=>{
    const gx=x0+groupW*gi+gap;
    datasets.forEach((ds,di)=>{
      const v=ds.data[gi];
      const bx=gx+barW*di+(barW*0.08)*di;
      const bh=barH(v)*t;
      const by=y0+cH-bh;

      // Rounded top
      ctx.beginPath();
      const rad=Math.min(4,bh/2);
      ctx.moveTo(bx+rad,by);
      ctx.lineTo(bx+barW-rad,by);
      ctx.quadraticCurveTo(bx+barW,by,bx+barW,by+rad);
      ctx.lineTo(bx+barW,by+bh);
      ctx.lineTo(bx,by+bh);
      ctx.lineTo(bx,by+rad);
      ctx.quadraticCurveTo(bx,by,bx+rad,by);
      ctx.closePath();
      ctx.fillStyle=ds.color; ctx.fill();
    });
    ctx.fillStyle='#9ca3af'; ctx.font='9.5px Segoe UI'; ctx.textAlign='center';
    const shortL=l.length>8?l.substring(0,8)+'...':l;

```

```

    ctx.fillText(shortL, gx+groupW*0.35, y0+cH+14);
  });

  // Legend
  let lx=x0;
  datasets.forEach(ds=>{
    ctx.fillStyle=ds.color; ctx.fillRect(lx,h-8,12,8); ctx.beginPath(); ctx.fill();
    ctx.fillStyle='#6b7280'; ctx.font='9px Segoe UI'; ctx.textAlign='left'; ctx.fillText(ds.label,lx+15,h-1);
    lx+=ds.label.length*6+25;
  });
});

const canvas=document.getElementById(id);
canvas.onmousemove=e=>{
  const r=canvas.getBoundingClientRect();
  const mx=e.clientX-r.left, my=e.clientY-r.top;
  labels.forEach((l,gi)=>{
    const gx=x0+groupW*gi+gap;
    datasets.forEach((ds,di)=>{
      const bx=gx+barW*di+(barW*0.08)*di;
      const v=ds.data[gi];
      const bh=barH(v);
      const by=y0+cH-bh;
      if(mx>=bx&&mx<=bx+barW&&my>=by&&my<=by+bh){
        showTip(canvas,mx,my,l+' '+ds.label+' '+formatK(v));
      }
    });
  });
});
canvas.onmouseleave=hideTip;
}

// =====
// CHART 4 — SINGLE BAR (Region)

```

```
// =====
```

```
let regionChartColors = null;

function drawRegionBar(highlight=-1){
  const id='cReg', h=180;
  const labels=['West','East','Central','South'];
  const vals=[725458,678781,501240,391722];
  const palette=[COLORS.blueA,COLORS.tealA,COLORS.indigoA,COLORS.amberA];
  regionChartColors = highlight>=0 ?
    palette.map((_i)=>i===highlight?palette[i]:'rgba(156,163,175,.25)') : palette;

  const {ctx,w} = setupCanvas(id,h);
  const PAD={top:15,right:12,bottom:32,left:55};
  const cW=w-PAD.left-PAD.right, cH=h-PAD.top-PAD.bottom;
  const x0=PAD.left, y0=PAD.top;
  const max=Math.max(...vals)*1.1;
  const colW=cW/labels.length, barW=colW*0.55, barGap=(colW-barW)/2;

  function yPos(v){ return y0+cH-(v/max)*cH; }
  function bH(v){ return (v/max)*cH; }

  animate(t=>{
    ctx.clearRect(0,0,w,h);
    drawGrid(ctx,x0,y0,cW,cH,4);
    drawYLabels(ctx,x0,y0,cH,0,max,4);
    labels.forEach((l,i)=>{
      const v=vals[i], bx=x0+colW*i+barGap, bh=bH(v)*t, by=y0+cH-bh;
      const rad=Math.min(5,bh/2);
      ctx.beginPath();
      ctx.moveTo(bx+rad,by);ctx.lineTo(bx+barW-rad,by);
      ctx.quadraticCurveTo(bx+barW,by,bx+barW,by+rad);
      ctx.lineTo(bx+barW,by+bh);ctx.lineTo(bx,by+bh);ctx.lineTo(bx,by+rad);
      ctx.quadraticCurveTo(bx,by,bx+rad,by);ctx.closePath();
      ctx.fillStyle=regionChartColors[i]; ctx.fill();
      ctx.fillStyle='#9ca3af'; ctx.font='9.5px Segoe UI'; ctx.textAlign='center';
      ctx.fillText(l,bx+barW/2,y0+cH+14);
    });
  });
}
```

```
});
```

```
});
```

```
const canvas=document.getElementById(id);
```

```
canvas.onmousemove=e=>{
```

```
  const r=canvas.getBoundingClientRect();
```

```
  const mx=e.clientX-r.left, my=e.clientY-r.top;
```

```
  labels.forEach((l,i)=>{
```

```
    const v=vals[i], bx=x0+colW*i+barGap, bh=bH(v), by=y0+cH-bh;
```

```
    if(mx>=bx&&mx<=bx+barW&&my>=by&&my<=by+bh) showTip(canvas,mx,my,l+' '+formatK(v));
```

```
  });
```

```
};
```

```
canvas.onmouseleave=hideTip;
```

```
}
```

```
// =====
```

```
// CHART 5 — HORIZONTAL BAR (Sub-category)
```

```
// =====
```

```
function drawHBar(){
```

```
  const id='cSub', h=230;
```

```
  const
```

```
labels=['Copiers','Accessories','Phones','Binders','Chairs','Storage','Appliances','Machines','Bookcases','Tables'];
```

```
const vals=[55618,41937,44516,30222,26590,21279,18138,3385,-3473,-17725];
```

```
const colors=vals.map(v=>v>=0?COLORS.blueA:COLORS.redA);
```

```
const {ctx,w} = setupCanvas(id,h);
```

```
const PAD={top:10,right:55,bottom:28,left:70};
```

```
const cW=w-PAD.left-PAD.right, cH=h-PAD.top-PAD.bottom;
```

```
const x0=PAD.left, y0=PAD.top;
```

```
const rowH=cH/labels.length;
```

```
const max=Math.max(...vals.map(Math.abs))*1.1;
```

```
const zero=x0+cW/2;
```

```
animate(t=>{
```

```
  ctx.clearRect(0,0,w,h);
```

```

// Zero line
ctx.strokeStyle='rgba(0,0,0,.12)'; ctx.lineWidth=1.5;
ctx.beginPath(); ctx.moveTo(zero,y0); ctx.lineTo(zero,y0+cH); ctx.stroke();

labels.forEach((l,i)=>{
  const v=vals[i];
  const by=y0+rowH*i+rowH*0.15, bh=rowH*0.6;
  const bw=Math.abs(v)/max*(cW/2)*t;
  const bx=v>=0?zero:zero-bw;
  const rad=Math.min(4,bh/2);

  ctx.beginPath();
  if(v>=0){
    ctx.moveTo(bx,by+rad);ctx.lineTo(bx,by+bh-rad);ctx.quadraticCurveTo(bx,by+bh,bx+rad,by+bh);
    ctx.lineTo(bx+bw-rad,by+bh);ctx.quadraticCurveTo(bx+bw,by+bh,bx+bw,by+bh-rad);
    ctx.lineTo(bx+bw,by+rad);ctx.quadraticCurveTo(bx+bw,by,bx+bw-rad,by);
    ctx.lineTo(bx+rad,by);ctx.quadraticCurveTo(bx,by,bx,by+rad);
  } else {
    ctx.moveTo(bx+bw,by+rad);ctx.lineTo(bx+bw,by+bh-rad);ctx.quadraticCurveTo(bx+bw,by+bh,bx+bw-
rad,by+bh);
    ctx.lineTo(bx+rad,by+bh);ctx.quadraticCurveTo(bx,by+bh,bx,by+bh-rad);
    ctx.lineTo(bx,by+rad);ctx.quadraticCurveTo(bx,by,bx+rad,by);
    ctx.lineTo(bx+bw-rad,by);ctx.quadraticCurveTo(bx+bw,by,bx+bw,by+rad);
  }
  ctx.closePath();
  ctx.fillStyle=colors[i]; ctx.fill();

  ctx.fillStyle='#374151'; ctx.font='9.5px Segoe UI'; ctx.textAlign='right';
  ctx.fillText(l,x0-4,by+bh/2+3.5);
  ctx.fillStyle=v>=0?COLORS.blue:COLORS.red; ctx.textAlign=v>=0?'left':'right';
  ctx.fillText(formatK(v),(v>=0?bx+bw+4:bx-4),by+bh/2+3.5);
});

// X axis labels
ctx.fillStyle='#9ca3af'; ctx.font='9px Segoe UI'; ctx.textAlign='center';
[-40000,-20000,0,20000,40000].forEach(v=>{

```

```
    const xp=zero+v/max*(cW/2);
    ctx.fillText(formatK(v),xp,y0+cH+14);
  });
});
```

```
const canvas=document.getElementById(id);
canvas.onmousemove=e=>{
  const r=canvas.getBoundingClientRect();
  const my=e.clientY-r.top;
  const i=Math.floor((my-y0)/rowH);
  if(i>=0&&i<labels.length) showTip(canvas,e.clientX-r.left,my,labels[i]+' '+formatK(vals[i]));
};
canvas.onmouseleave=hideTip;
}
```

```
// =====
// CHART 6 — YOY Bar
// =====
```

```
function drawYoy(){
  const labels=['2014','2015','2016','2017'];
  const salesD=[484247,470533,609206,733215];
  const profD=[49544,61619,81795,93439];
  drawGroupedBar('cYoy', labels,
    [{label:'Revenue',data:salesD,color:COLORS.blueA},{label:'Profit',data:profD,color:COLORS.greenA}],
    180);
}
```

```
// =====
// INIT ALL CHARTS
// =====
```

```
function initCharts(){
  drawLine();
  drawDonut('cSeg',[1161401,706146,429653],['#2563eb','#0891b2','#4f46e5']);
  drawGroupedBar('cCat',['Technology','Furniture','Office Sup.'],
```

```

    [{label:'Sales',data:[836154,742000,719047],color:COLORS.blueA},
    {label:'Profit',data:[145455,18451,122491],color:COLORS.greenA}],180);
drawRegionBar();
drawYoy();
drawHBar();
drawDonut('cShip',[1358216,459194,351428,128363],[ '#2563eb','#0891b2','#4f46e5','#d97706'],0.62);
}

```

```

window.addEventListener('load', initCharts);
window.addEventListener('resize', ()=>{ setTimeout(initCharts,100); });

```

```

// =====
// SLICER + KPI LOGIC
// =====

```

```

const filters = { year:'All', cat:'All', seg:'All', reg:'All', ship:'All' };

```

```

const YEAR = { All:{s:2297201,p:286397,o:5009,c:793}, '2014':{s:484247,p:49544,o:1716,c:344},
'2015':{s:470533,p:61619,o:2131,c:389}, '2016':{s:609206,p:81795,o:2880,c:498},
'2017':{s:733215,p:93439,o:3267,c:578} };

```

```

const CAT = { All:{s:2297201,p:286397}, Technology:{s:836154,p:145455},
Furniture:{s:742000,p:18451}, 'Office Supplies':{s:719047,p:122491} };

```

```

const SEG = { All:{s:2297201,p:286397}, Consumer:{s:1161401,p:134119},
Corporate:{s:706146,p:91979}, 'Home Office':{s:429653,p:60299} };

```

```

const REG = { All:{s:2297201,p:286397}, West:{s:725458,p:108418}, East:{s:678781,p:91523},
Central:{s:501240,p:39706}, South:{s:391722,p:46749} };

```

```

const REG_IDX = { All:-1, West:0, East:1, Central:2, South:3 };

```

```

document.querySelectorAll('.sl-btn').forEach(btn=>{
  btn.addEventListener('click',()=>{
    const t=btn.dataset.t, v=btn.dataset.v;
    document.querySelectorAll(`[data-t="${t}" ]`).forEach(b=>b.classList.remove('on'));
    btn.classList.add('on');
    filters[t]=v;
    updateKPIs();
    updateFilterBar();
    if(t==='reg') drawRegionBar(REG_IDX[v]);
  });
});

```

```
});  
});
```

```
function updateKPIs(){  
  let s=YEAR[filters.year]?.s||YEAR.All.s;  
  let p=YEAR[filters.year]?.p||YEAR.All.p;  
  let o=YEAR[filters.year]?.o||YEAR.All.o;  
  let c=YEAR[filters.year]?.c||YEAR.All.c;  
  
  const applyMult=(ds,key)=>{ if(filters[key]!='All'){ const r=ds[filters[key]].s/ds.All.s; s*=r; p*=r;  
o=Math.round(o*r); c=Math.round(c*r); } };  
  
  applyMult(CAT,'cat'); applyMult(SEG,'seg'); applyMult(REG,'reg');  
  
  const margin=(p/s*100).toFixed(1);  
  const fmt=v=>v>=1e6?'$'+(v/1e6).toFixed(2)+'M': '$'+(v/1000).toFixed(0)+'K';  
  
  // Animate counter  
  function counter(id,target,format){  
    const el=document.getElementById(id);  
    const start=parseFloat(el.textContent.replace(/[$MK,%]/g,""))||0;  
    const dur=500;const t0=performance.now();  
    function f(now){ const prog=Math.min((now-t0)/dur,1); const ease=1-Math.pow(1-prog,3);  
      const val=start+(target-start)*ease;  
      el.textContent=format(val);  
      if(prog<1)requestAnimationFrame(f); }  
    requestAnimationFrame(f);  
  }  
  
  document.getElementById('kv1').textContent=fmt(s);  
  document.getElementById('kv2').textContent=fmt(p);  
  document.getElementById('kv3').textContent=Math.max(1,o).toLocaleString();  
  document.getElementById('kv4').textContent=margin+'%';  
  document.getElementById('kv5').textContent=Math.max(1,c).toLocaleString();  
}
```

```
function updateFilterBar(){  
  const bar=document.getElementById('afBar');
```

```

const LABELS={year:'Year',cat:'Category',seg:'Segment',reg:'Region',ship:'Ship Mode'};
const active=Object.entries(filters).filter(([v])=>v!=='All');
if(!active.length){
    bar.innerHTML=<span class="af-lbl">Filters:</span><span style="font-size:.72rem;color:var(--muted);font-style:italic">No filters applied — showing all data</span>;
    return;
}
bar.innerHTML=<span class="af-lbl">Active Filters:</span>'+
    active.map(([k,v])=>`<span class="af-tag">${LABELS[k]}: ${v} <button class="af-x"
onclick="clearFilter('${k}')">X</button></span>`).join("");
}

function clearFilter(type){
    filters[type]='All';
    document.querySelectorAll(`[data-t="${type}"]`).forEach(b=>b.classList.remove('on'));
    document.querySelector(`[data-t="${type}"][data-v="All"]`).classList.add('on');
    updateKPIs(); updateFilterBar();
    if(type==='reg') drawRegionBar(-1);
}

function resetAll(){
    Object.keys(filters).forEach(k=>{ filters[k]='All'; document.querySelectorAll(`[data-
t="${k}"]`).forEach(b=>b.classList.remove('on')); const a=document.querySelector(`[data-t="${k}"][data-
v="All"]`); if(a)a.classList.add('on'); });
    updateKPIs(); updateFilterBar(); drawRegionBar(-1);
}
</script>
</body>
</html>

```