HTML | ANALISE

<!-- screens/analise.html -->

<div class="page" data-screen-title="Análises">

  <div class="dashboard-header">

    <p class="subtitle">Visão das Ações em Base Dados</p>

  </div>

  <!-- TOOLBAR / PESQUISA E FILTROS -->

  <div class="card analysis-toolbar" style="margin-bottom: 12px">

    <div class="toolbar-row">

      <label>

        Pesquisa (Ticker / Nome)

        <input id="anlSearch" type="search" placeholder="ex.: AAPL, Apple..." />

      </label>

    </div>

    <div class="toolbar-grid">

      <label>

        Setor

        <select id="anlSetor">

          <option value="">Todos</option>

        </select>

      </label>

      <label>

        Mercado

        <select id="anlMercado">

          <option value="">Todos</option>

        </select>

      </label>

      <label>

        Periodicidade

        <select id="anlPeriodo">

          <option value="">Todas</option>

          <option>Mensal</option>

          <option>Trimestral</option>

          <option>Semestral</option>

          <option>Anual</option>

          <option>n/A</option>

        </select>

      </label>

    </div>

    <div style="margin-top: 0.6rem">

      <button class="btn outline" id="anlReset">Limpar filtros</button>

    </div>

  </div>

  <!-- GRÁFICOS -->

  <div class="portfolio-charts three-cols">

    <div class="card">

      <h3>Distribuição por Setor</h3>

      <div class="chart-wrap"><canvas id="anlChartSetor"></canvas></div>

    </div>

    <div class="card">

      <h3>Distribuição por Mercado</h3>

      <div class="chart-wrap"><canvas id="anlChartMercado"></canvas></div>

    </div>

    <div class="card">

      <h3>Top 5 por Yield</h3>

      <div class="chart-wrap"><canvas id="anlChartTopYield"></canvas></div>

    </div>

  </div>

  <!-- CALENDÁRIO DE DIVIDENDOS -->

  <div class="card" style="margin-top: 12px">

    <div class="card-content" style="display: block">

      <div class="dividend-header">

        <h3 style="margin: 0">Calendário de Dividendos (12 meses)</h3>

        <div class="muted" style="font-size: 0.9rem">

          Células preenchidas indicam meses típicos de pagamento; valor ≈

          <strong>pagamento médio por ação (24m)</strong>

        </div>

      </div>

      <div class="dividend-heatmap">

        <!-- Header com scroll horizontal sincronizado -->

        <div class="heatmap-header">

          <div class="cell sticky-col"></div>

          <div id="anlHeatmapHeaderScroll" class="months-scroll">

            <div class="months" id="anlHeatmapHeaderMonths">

              <div class="cell">Jan</div>

              <div class="cell">Fev</div>

              <div class="cell">Mar</div>

              <div class="cell">Abr</div>

              <div class="cell">Mai</div>

              <div class="cell">Jun</div>

              <div class="cell">Jul</div>

              <div class="cell">Ago</div>

              <div class="cell">Set</div>

              <div class="cell">Out</div>

              <div class="cell">Nov</div>

              <div class="cell">Dez</div>

            </div>

          </div>

        </div>

        <!-- Body com scroll (vertical + horizontal) -->

        <div id="anlHeatmapBody" class="heatmap-body"></div>

      </div>

      <div class="legend" style="margin-top: 6px">

        <span class="legend-item">

          <span class="legend-box weak"></span> estimado baixo

        </span>

        <span class="legend-item">

          <span class="legend-box med"></span> estimado médio

        </span>

        <span class="legend-item">

          <span class="legend-box strong"></span> estimado alto

        </span>

      </div>

    </div>

  </div>

  <!-- TABELA -->

  <div class="card" style="margin-top: 12px">

    <div class="card-content" style="display: block">

      <!-- Seleção + Simulador -->

      <div class="analysis-toolbar" style="padding: 0.6rem 1rem; border: 0; background: transparent">

        <div style="display: flex; gap: 0.5rem; align-items: center; flex-wrap: wrap">

          <button class="btn outline" id="anlSimular">Usar no simulador</button>

          <button class="btn ghost" id="anlClearSel">Limpar seleção</button>

          <span class="muted">Selecionados: <strong id="anlSelCount">0</strong></span>

        </div>

      </div>

      <div class="table-scroll">

        <table class="fine-table analysis-table" id="anlTable">

          <thead>

            <tr>

              <th class="sticky-col" style="width: 44px">

                <input type="checkbox" id="anlSelectAll" title="Selecionar todos os filtrados" />

              </th>

              <th data-sort="ticker" class="sortable sticky-col">Ticker</th>

              <th data-sort="nome" class="sortable">Nome</th>

              <th data-sort="setor" class="sortable">Setor</th>

              <th data-sort="mercado" class="sortable">Mercado</th>

              <th data-sort="yield" class="sortable">Yield</th>

              <th data-sort="yield24" class="sortable">Yield 24m</th>

              <th data-sort="divPer" class="sortable">Dividendo/pag.</th>

              <th data-sort="divAnual" class="sortable">Dividendo/ano</th>

              <th data-sort="pe" class="sortable">P/E</th>

              <th data-sort="delta50" class="sortable">Δ50d%</th>

              <th data-sort="delta200" class="sortable">Δ200d%</th>

              <th data-sort="g1w" class="sortable">1S</th>

              <th data-sort="g1m" class="sortable">1M</th>

              <th data-sort="g1y" class="sortable">1A</th>

              <th data-sort="periodicidade" class="sortable">Periodicidade</th>

              <th data-sort="mes" class="sortable">Mês típico</th>

              <th data-sort="observacao" class="sortable">Notas</th>

            </tr>

          </thead>

          <tbody id="anlTableBody"></tbody>

        </table>

      </div>

    </div>

  </div>

</div>

<!-- MODAL: Simulação -->

<div id="anlSimModal" class="modal hidden">

  <div class="modal-dialog">

    <div class="modal-header">

      <h3>Simular investimento (lucro máximo)</h3>

      <button class="icon-btn" id="anlSimClose" title="Fechar">✖</button>

    </div>

    <div class="modal-body">

      <div class="form-grid">

        <label>

          Investimento total (€)

          <input id="anlSimInvest" type="number" min="1" step="0.01" placeholder="Ex.: 1000" />

        </label>

        <label>

          Horizonte (anos)

          <input id="anlSimHoriz" type="number" min="1" step="1" value="1" />

        </label>

        <label>

          Período de crescimento

          <select id="anlSimPeriodo">

            <option value="1s">1 semana</option>

            <option value="1m" selected>1 mês</option>

            <option value="1a">1 ano</option>

          </select>

        </label>

        <div class="sim-options">

          <label class="chk-inline">

            <input id="anlSimInvestirTotal" type="checkbox" checked />

            Usar investimento total (frações permitidas)

          </label>

          <label class="chk-inline">

            <input id="anlSimInteiros" type="checkbox" />

            Apenas ações completas (sem frações)

          </label>

          <label class="chk-inline push-right">

            <input id="anlSimIncluiDiv" type="checkbox" checked />

            Incluir dividendos

          </label>

        </div>

      </div>

      <div class="actions-row sticky-actions">

        <button class="btn outline" id="anlSimCalcular">Calcular</button>

        <button class="btn" id="anlSimRelatorio">Ver Relatório</button>

      </div>

      <!-- DISTRIBUIÇÃO POR SETOR (tickers selecionados) -->

      <div id="anlSelSectorChartWrap" class="pie-wrap">

        <canvas id="anlSelSectorChart"></canvas>

      </div>

      <div id="anlSimResultado" style="margin-top: 10px"></div>

    </div>

  </div>

</div>

<!-- PREVIEW DO RELATÓRIO -->

<div id="anlReportModal" class="modal hidden" role="dialog" aria-modal="true" aria-labelledby="repTitle">

  <div class="modal-content" style="max-width:1100px;">

    <div class="modal-header">

      <h3 id="repTitle">Relatório Financeiro — Pré-visualização</h3>

      <button id="repClose" class="btn outline" title="Fechar">✕</button>

    </div>

    <!-- 🔽 TUDO DO RELATÓRIO FICA DENTRO DA .modal-body -->

    <div class="modal-body">

      <!-- KPIs -->

      <section class="rep-kpis">

        <div class="kpi">

          <div class="kpi-title">Valor Investido</div>

          <div id="repKpiInv" class="kpi-value">—</div>

        </div>

        <div class="kpi">

          <div class="kpi-title">Retorno Total</div>

          <div id="repKpiRet" class="kpi-value">—</div>

        </div>

        <div class="kpi">

          <div class="kpi-title">Dividendos (Anual / Horizonte)</div>

          <div id="repKpiDiv" class="kpi-value">—</div>

        </div>

        <div class="kpi">

          <div class="kpi-title">Valorização Projetada</div>

          <div id="repKpiVal" class="kpi-value">—</div>

        </div>

      </section>

      <!-- GRÁFICOS (pequenos) -->

      <section class="rep-charts">

        <div class="chart-card">

          <h4>Distribuição do Investimento por Ativo</h4>

          <canvas id="repChartInvestByTicker"></canvas>

        </div>

        <div class="chart-card">

          <h4>Distribuição do Investimento por Setor</h4>

          <canvas id="repChartInvestBySector"></canvas>

        </div>

        <div class="chart-card">

          <h4>Lucro Estimado por Ativo</h4>

          <canvas id="repChartLucro"></canvas>

        </div>

        <div class="chart-card">

          <h4>Dividendos vs Valorização (H)</h4>

          <canvas id="repChartDivVsVal"></canvas>

        </div>

        <div class="chart-card">

          <h4>Valor Investido por Ativo</h4>

          <canvas id="repChartInvestBars"></canvas>

        </div>

      </section>

      <!-- TABELA -->

      <section class="rep-table">

        <table id="repTable" class="fine-table" style="width:100%">

          <thead>

            <tr>

              <th>Ativo</th><th>Ticker</th>

              <th>Investido (€)</th><th>Div. Anuais (€)</th>

              <th>Div. Horizonte (€)</th><th>Valorização (€)</th>

              <th>Lucro Estimado (€)</th><th>% Port.</th>

            </tr>

          </thead>

          <tbody></tbody>

        </table>

      </section>

      <!-- INDICADORES-CHAVE -->

      <section class="rep-notes">

        <ul id="repKeyNotes" class="notes"></ul>

      </section>

    </div>

    <!-- 🔽 UM SÓ FOOTER (IDs únicos) -->

    <div class="modal-footer">

      <button id="repExportPdf" class="btn">Exportar PDF</button>

      <button id="repCloseBottom">Fechar</button>

    </div>

  </div>

</div>

<!-- estilos -->

<style>

  .portfolio-charts.three-cols{display:grid;gap:12px;grid-template-columns:repeat(3,minmax(0,1fr))}

  @media (max-width:980px){.portfolio-charts.three-cols{grid-template-columns:1fr}}

  .chart-wrap{height:260px}.chart-wrap canvas{width:100%!important;height:100%!important}

  .dividend-header{display:flex;gap:12px;align-items:center;justify-content:space-between;flex-wrap:wrap;margin-bottom:6px}

  .legend{margin-top:6px;display:flex;gap:12px;align-items:center;flex-wrap:wrap}

  .legend-item{display:inline-flex;align-items:center;gap:6px}

  .legend-box{width:14px;height:14px;border-radius:4px;display:inline-block}

  .legend-box.weak{background:rgba(34,197,94,.18)}

  .legend-box.med{background:rgba(34,197,94,.38)}

  .legend-box.strong{background:rgba(34,197,94,.58)}

  .dividend-heatmap{border:1px solid var(--border,#e5e7eb);border-radius:12px;overflow:hidden}

  .dividend-heatmap .cell{padding:8px 10px;border-right:1px solid var(--border,#e5e7eb);white-space:nowrap}

  .dividend-heatmap .heatmap-header{display:grid;grid-template-columns:220px 1fr;background:var(--muted-bg,rgba(0,0,0,.03));position:sticky;top:0;z-index:1}

  .dividend-heatmap .months{display:grid;grid-template-columns:repeat(12,minmax(72px,1fr))}

  .months-scroll{overflow:auto}

  .dividend-heatmap .heatmap-body{max-height:420px;overflow:auto}

  .dividend-heatmap .row{display:grid;grid-template-columns:220px 1fr;border-top:1px solid var(--border,#e5e7eb)}

  .dividend-heatmap .row .months{display:grid;grid-template-columns:repeat(12,minmax(72px,1fr))}

  .dividend-heatmap .sticky-col{position:sticky;left:0;background:var(--card,#fff);z-index:2;border-right:1px solid var(--border,#e5e7eb)}

  .dividend-heatmap .tt{position:relative}

  .dividend-heatmap .tt:hover::after{content:attr(data-tt);position:absolute;bottom:100%;left:0;transform:translateY(-4px);background:rgba(0,0,0,.85);color:#fff;font-size:12px;padding:6px 8px;border-radius:6px;white-space:nowrap}

  .pay-weak{background:rgba(34,197,94,.18)}

  .pay-med{background:rgba(34,197,94,.38)}

  .pay-strong{background:rgba(34,197,94,.58);color:#fff}

  .table-scroll{overflow:auto;max-height:62vh}

  #anlTable thead th{position:sticky;top:0;z-index:3;background:var(--card,#fff)}

  #anlTable thead th.sortable{cursor:pointer;user-select:none}

  #anlTable thead th.sorted-asc::after{content:" ↑";opacity:.7}

  #anlTable thead th.sorted-desc::after{content:" ↓";opacity:.7}

  #anlTable .sticky-col{position:sticky;left:0;z-index:2;background:var(--card,#fff)}

  #anlTable th.sticky-col:nth-child(2),#anlTable td.sticky-col:nth-child(2){left:44px}

  .badge{display:inline-block;padding:2px 6px;border-radius:999px;font-size:.75rem}

  .badge.ok{background:#e6f7ee;color:#106f3a}

  .badge.warn{background:#fff3cd;color:#7c5b00}

  .badge.danger{background:#fde2e2;color:#8a1f1f}

  .badge.muted{background:#f2f2f2;color:#666}

  .badge.up{background:#e6f7ee;color:#106f3a}

  .badge.down{background:#fde2e2;color:#8a1f1f}

  .up{color:#106f3a}.down{color:#8a1f1f}

  .modal.hidden{display:none}

  .modal{position:fixed;inset:0;z-index:1000;background:rgba(0,0,0,.45);backdrop-filter:blur(2px);display:flex;align-items:center;justify-content:center}

  .modal-dialog{width:min(820px,92vw);max-height:90vh;display:flex;flex-direction:column;border-radius:14px;overflow:hidden;background:var(--card,#fff);color:var(--card-foreground,#111);border:1px solid var(--border,#e5e7eb);box-shadow:0 8px 30px rgba(0,0,0,.35)}

  .modal-header{display:flex;justify-content:space-between;align-items:center;padding:14px 16px;border-bottom:1px solid var(--border,#e5e7eb);background:var(--background,#fff);position:sticky;top:0;z-index:2}

  .modal-body{padding:14px 16px;overflow:auto}

  .icon-btn{background:transparent;border:0;font-size:18px;cursor:pointer;color:inherit}

  #anlSimModal .form-grid input,#anlSimModal .form-grid select{padding:.6rem .7rem;border-radius:10px;border:1px solid var(--border,#e5e7eb);background:var(--card,#fff);color:var(--card-foreground,#111)}

  .sim-options{display:flex;gap:18px;align-items:center;flex-wrap:wrap;grid-column:1 / -1;margin-top:.4rem}

  .chk-inline{display:flex;align-items:center;gap:.5rem}

  .push-right{margin-left:auto}

  [data-theme="dark"] .modal-dialog{background:#111;color:#fff;border-color:rgba(255,255,255,.08)}

  [data-theme="dark"] .modal-header{background:#111;border-color:rgba(255,255,255,.08)}

  [data-theme="dark"] #anlSimModal .form-grid input,[data-theme="dark"] #anlSimModal .form-grid select{background:#1a1a1a;color:#eee;border-color:rgba(255,255,255,.12)}

  .tabela-scroll-wrapper{overflow:auto}

  .actions-row.sticky-actions{display:flex;gap:.6rem;justify-content:flex-end;position:sticky;bottom:0;background:var(--card,#fff);padding-top:8px}

  /\* pizza modal \*/

  .pie-wrap{width:100%;max-width:420px;margin:10px auto;padding:10px}

  .pie-wrap canvas{width:100%!important;height:auto!important;max-height:300px}

  @media (max-width:480px){.dividend-heatmap .months{grid-template-columns:repeat(12,minmax(84px,1fr))}.dividend-heatmap .row .months{grid-template-columns:repeat(12,minmax(84px,1fr))}.pie-wrap{max-width:360px}.pie-wrap canvas{max-height:260px}}

</style>

<script type="module" src="./analise.js"></script>