Slide 12: Skills Assessment Decision Tree

Objective: Provide a practical decision tool to determine which AI skills are needed for specific roles and projects.

Layout Composition:
The slide is a flex-col with a header sized to its content, a main body that grows, and a footer sized to its content. The main body is a grid with two columns (3fr 2fr). The left column contains a large decision tree flow, and the right column contains a role-mapping reference card.

Content Breakdown:

- Block 1:
- Block Type: Text
- Placement: Header section
- Component Schema: "Section Title"
- Content:
  Title: "AI Skills Assessment Decision Tree"
  Subtitle: "Determine required AI capabilities for roles and projects"
- Creative Brief: Bold title text-6xl, subtitle text-3xl with 70% opacity. White text.

- Block 2:

- Block Type: Text
- Placement: Left column, filling available space
- Component Schema: "Decision Tree Flow"
- Content:
  Tree_Title: "Skills Assessment Framework"
  Decision_Flow: [
  {
  "Level": 1,
  "Question": "Will this role interact with AI systems?",
  "Yes": "Continue to Level 2",
  "No": "Basic AI awareness only (4-8 hours training)"
  },
  {
  "Level": 2,
  "Question": "Will they make decisions about AI solutions?",
  "Yes": "AI Citizen + Strategic skills → Continue to Level 3",
  "No": "AI Citizen skills (24-40 hours training)"
  },
  {
  "Level": 3,
  "Question": "Will they implement or integrate AI?",
  "Yes": "AI Worker skills → Continue to Level 4",
  "No": "AI Citizen + Communication skills (40-60 hours)"
  },
  {
  "Level": 4,
  "Question": "What is the primary technical focus?",

```
"Options": {
"Development": "Developer AI Integration track (80-120 hours)",
"Architecture": "Architecture & Design track (60-80 hours)",
"Operations": "MLOps & Monitoring track (50-70 hours)",
"Data": "Data Engineering for AI track (60-80 hours)",
"Security": "AI Security & Governance track (40-60 hours)"
}
},
{
"Level": 5,
"Question": "Additional considerations",
"Factors": [
"Cloud platform experience (add 20-40 hours if new to cloud)",
"Leadership role (add governance & strategy modules: +16 hours)",
"Regulated industry (add compliance & ethics modules: +16 hours)",
"Customer-facing role (add responsible AI & explainability: +12 hours)"
]
}
]
```

- Creative Brief: Large vertical decision tree with slate-800 background. Five levels flowing top to bottom. Each level is a distinct card or node. Questions in bold text-xl with icon (HelpCircle). Yes/No paths shown with colored arrows or lines (green for yes, orange for no). Level 4 branches into 5 technical tracks shown as separate outcome cards with role-based color coding. Level 5 shows as additional factors list. Professional, flowchart-like styling with clear visual hierarchy. Use connecting lines/arrows between levels.

- Block 3:

- Block Type: Text
- Placement: Right column, top area
- Component Schema: "Quick Role Mapping Card"
- Content:
  Card_Title: "Quick Role Reference"
  Icon: "Users"
  Role_Mappings: [
  {
  "Role": "Software Developer",
  "Path": "L1→L2→L3→L4(Dev)",
  "Hours": "80-120",
  "Color": "Blue"
  },
  {
  "Role": "Product Manager",
  "Path": "L1→L2→L3(Stop)",
  "Hours": "40-60",
  "Color": "Orange"
  },
  {
  "Role": "System Architect",
  "Path": "L1→L2→L3→L4(Arch)",

```
"Hours": "60-80",
"Color": "Purple"
},
{
"Role": "DevOps Engineer",
"Path": "L1→L2→L3→L4(Ops)",
"Hours": "50-70",
"Color": "Green"
},
{
"Role": "Security Analyst",
"Path": "L1→L2→L3→L4(Sec)",
"Hours": "40-60",
"Color": "Red"
},
{
"Role": "Data Engineer",
"Path": "L1→L2→L3→L4(Data)",
"Hours": "60-80",
"Color": "Cyan"
}
]
```

- Creative Brief: Tall card with slate-700 background. Header with icon. Each role mapping is a mini-card or row with role name (bold, text-lg), decision path visualization (text-base), training hours (bold), and left border or icon in role-specific color. Compact, scannable layout.

- Block 4:

- Block Type: Text
- Placement: Right column, bottom area
- Component Schema: "Assessment Instructions Card"
- Content:
  Card_Title: "How to Use This Tool"
  Icon: "Info"
  Instructions: [
  "1. Start at Level 1 with the role or project in mind",
  "2. Follow Yes/No paths based on role responsibilities",
  "3. Select technical track at Level 4 based on primary function",
  "4. Add hours for additional considerations at Level 5",
  "5. Use Quick Reference for common roles"
  ]
- Creative Brief: Card with slate-700 background. Header with icon (purple accent). Numbered instructions in text-base, clear and concise. Positioned at bottom of right column.

- Block 5:

- Block Type: Text
- Placement: Footer
- Component Schema: "Simple Footer"

- Content:
  Footer_Text: "Training hours are estimates based on foundation-level competency | Adjust for individual experience"
- Creative Brief: Centered, text-base, opacity-70.