<!doctype html>

<html lang="en">

<head>

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Turiddu's advices for a truly Italian food and wine experience in Spain</title>

<meta name="description" content="Discover the best Italian restaurants, pizzerias, and wine experiences in Spain with Turiddu's personal recommendations." />

<meta name="theme-color" content="#ef4444" />

<!-- Favicon SVG minimal -->

<link rel="icon" href="data:image/svg+xml,%3Csvg xmlns='http://www.w3.org/2000/svg' viewBox='0 0 128 128'%3E%3Cdefs%3E%3ClinearGradient id='g' x1='0' x2='1' y1='0' y2='1'%3E%3Cstop offset='0' stop-color='%23f97316'/%3E%3Cstop offset='1' stop-color='%23ef4444'/%3E%3C/linearGradient%3E%3C/defs%3E%3Crect width='128' height='128' rx='28' fill='url(%23g)'/%3E%3Ctext x='64' y='78' font-size='52' text-anchor='middle' fill='%23fff' font-family='system-ui,sans-serif'%3EIT%3C/text%3E%3C/svg%3E" />

<style>

:root { --bg:#fafafa; --card:#fff; --ink:#111; --muted:#6b7280; --brand:#ef4444; --line:#e5e7eb; --radius:16px; }

\*{box-sizing:border-box}

body{margin:0;font-family:system-ui,-apple-system,Segoe UI,Roboto,Ubuntu,Cantarell,Noto Sans,sans-serif;background:var(--bg);color:var(--ink)}

.container{max-width:1200px;margin:auto;padding:16px}

header{display:flex;align-items:center;gap:12px;margin:8px 0 16px}

.logo{width:40px;height:40px;border-radius:10px;background:linear-gradient(135deg,#f97316,#ef4444);display:grid;place-items:center;color:#fff;font-weight:700}

h1{font-size:18px;margin:0;line-height:1.2}

.grid{display:grid;grid-template-columns:1fr;gap:16px}

@media(min-width:900px){.grid{grid-template-columns:420px 1fr}}

.card{background:var(--card);border:1px solid var(--line);border-radius:var(--radius);box-shadow:0 1px 2px rgba(0,0,0,.04)}

.card h2{font-size:18px;margin:0}

.card .body{padding:16px}

.controls{display:grid;gap:12px}

.row{display:grid;grid-template-columns:1fr auto;align-items:center;gap:12px}

label{font-size:14px;color:var(--muted)}

input[type="text"],select{width:100%;padding:10px 12px;border:1px solid var(--line);border-radius:10px;font:inherit}

.chips{display:flex;flex-wrap:wrap;gap:8px}

.chip{padding:6px 10px;border:1px solid var(--line);border-radius:999px;background:#f6f6f6;cursor:pointer}

.chip[aria-pressed="true"]{background:var(--brand);color:#fff;border-color:var(--brand)}

.muted{color:var(--muted)}

.results{display:flex;flex-direction:column;gap:10px}

.item{display:flex;gap:12px;border:1px solid var(--line);border-radius:12px;padding:12px}

.item a{color:inherit;text-decoration:none}

.item a:hover{text-decoration:underline}

.badges{display:flex;flex-wrap:wrap;gap:6px}

.badge{font-size:12px;border:1px solid var(--line);padding:2px 8px;border-radius:999px;background:#f9fafb}

.stars{display:inline-flex;gap:2px}

.star{width:16px;height:16px;display:inline-block}

.map{height:70vh;border-radius:var(--radius);overflow:hidden}

.skip{position:absolute;left:-9999px;top:auto;width:1px;height:1px;overflow:hidden}

.skip:focus{position:fixed;left:12px;top:12px;background:#fff;padding:8px 10px;border-radius:8px;border:1px solid var(--line);box-shadow:0 2px 6px rgba(0,0,0,.12)}

footer{font-size:12px;color:var(--muted);margin-top:12px}

</style>

<!-- Leaflet -->

<link rel="stylesheet" href="https://unpkg.com/leaflet@1.9.4/dist/leaflet.css" />

<script src="https://unpkg.com/leaflet@1.9.4/dist/leaflet.js"></script>

</head>

<body>

<a href="#results" class="skip">Skip to results list</a>

<div class="container">

<header>

<div class="logo" aria-hidden="true">IT</div>

<h1>Turiddu's advices for a truly Italian food and wine experience in Spain</h1>

</header>

<main class="grid" aria-label="Italian restaurants finder" role="main">

<!-- Filtros y resultados -->

<section class="card" aria-label="Filters and results" role="region">

<div class="body controls">

<div>

<label for="q">Search by name or city</label>

<input id="q" type="text" placeholder="e.g., NAP Barcelona" aria-label="Search by name or city" />

</div>

<div>

<span class="muted" id="cats-label">Categories</span>

<div class="chips" role="group" aria-labelledby="cats-label">

<button class="chip" data-cat="pizzería" aria-pressed="false">Pizzeria</button>

<button class="chip" data-cat="ristorante-pizzería" aria-pressed="false">Ristorante-pizzeria</button>

<button class="chip" data-cat="ristorante" aria-pressed="false">Ristorante</button>

</div>

</div>

<div class="row" role="group" aria-label="Search radius in kilometers">

<label for="radius">Radius (km)</label>

<output id="radiusOut">50</output>

<input id="radius" type="range" min="5" max="150" step="5" value="50" aria-label="Radius in kilometers" />

</div>

<div class="row">

<label for="order">Sort by</label>

<select id="order" aria-label="Sort results">

<option value="score">Best score</option>

<option value="distance">Closest</option>

</select>

</div>

<fieldset>

<legend class="muted">Source weighting</legend>

<div class="row">

<label for="wg">Google <span id="wgVal">50</span>%</label>

<input id="wg" type="range" min="0" max="100" step="5" value="50" />

</div>

<div class="row">

<label for="wt">Tripadvisor <span id="wtVal">30</span>%</label>

<input id="wt" type="range" min="0" max="100" step="5" value="30" />

</div>

<div class="row">

<label for="wf">TheFork <span id="wfVal">20</span>%</label>

<input id="wf" type="range" min="0" max="100" step="5" value="20" />

</div>

<p class="muted">Ratings are normalized to 0–5 (TheFork 0–10 → 0–5).</p>

</fieldset>

<h2 id="title-results" style="margin-top:8px">Results (<span id="count">0</span>)</h2>

<div id="results" class="results" role="list" aria-labelledby="title-results"></div>

</div>

</section>

<!-- Mapa -->

<section class="card" aria-label="Map" role="region">

<div class="body">

<div id="map" class="map" aria-label="Restaurants map"></div>

</div>

</section>

</main>

<footer>

<p><strong>Note:</strong> Demo with static data. For production, connect your own API consolidating ratings from Google, Tripadvisor and TheFork (respect their TOS).</p>

</footer>

</div>

<script>

// === Datos de ejemplo (cámbialos por tu API) ===

const DATA = [

{ id:"1", name:"NAP Neapolitan Authentic Pizza", city:"Barcelona", category:"pizzería", coords:{lat:41.3925,lng:2.1699}, ratings:{google:4.6,tripadvisor:4.5,thefork:9.0}, price:"€€", url:"https://nap.pizza" },

{ id:"2", name:"Trattoria Popolare", city:"Madrid", category:"ristorante-pizzería", coords:{lat:40.421,lng:-3.704}, ratings:{google:4.5,tripadvisor:4.0,thefork:8.5}, price:"€€", url:"#"},

{ id:"3", name:"Da Enzo Ristorante", city:"València", category:"ristorante", coords:{lat:39.47,lng:-0.376}, ratings:{google:4.7,tripadvisor:4.5,thefork:9.2}, price:"€€€", url:"#"},

{ id:"4", name:"Fratelli Figurato", city:"Madrid", category:"pizzería", coords:{lat:40.4339,lng:-3.7058}, ratings:{google:4.8,tripadvisor:4.5,thefork:9.4}, price:"€€", url:"#"},

{ id:"5", name:"La Balmesina", city:"Barcelona", category:"ristorante-pizzería", coords:{lat:41.3983,lng:2.149}, ratings:{google:4.6,tripadvisor:4.5,thefork:8.9}, price:"€€€", url:"#"},

];

// === Utilidades ===

const toRad = d => d\*Math.PI/180;

function haversineKm(a,b){

const R=6371, dLat=toRad(b.lat-a.lat), dLon=toRad(b.lng-a.lng);

const lat1=toRad(a.lat), lat2=toRad(b.lat);

const x=Math.sin(dLat/2)\*\*2 + Math.cos(lat1)\*Math.cos(lat2)\*Math.sin(dLon/2)\*\*2;

return 2\*R\*Math.atan2(Math.sqrt(x),Math.sqrt(1-x));

}

const normFork = v => typeof v === 'number' ? (v/10)\*5 : undefined;

function weightedScore(r, w){

const g=r.google, t=r.tripadvisor, f=normFork(r.thefork);

const pairs=[[g,w.g],[t,w.t],[f,w.f]].filter(x=>typeof x[0]==='number');

if(!pairs.length) return 0;

const tw=pairs.reduce((s,[,ww])=>s+ww,0);

const s=pairs.reduce((s,[v,ww])=>s+v\*ww,0)/tw;

return Math.round(s\*100)/100;

}

function normalizeWeights(w){

const total=w.g+w.t+w.f; if(total===0) return {g:0.5,t:0.3,f:0.2};

return {g:w.g/total,t:w.t/total,f:w.f/total};

}

// === Estado ===

let userPos = { lat: 40.4168, lng: -3.7038 }; // Madrid por defecto

let weights = { g:0.5, t:0.3, f:0.2 };

let radiusKm = 50;

let category = 'todas';

let query = '';

let order = 'score';

// === Geolocalización ===

if ('geolocation' in navigator) {

navigator.geolocation.getCurrentPosition(p => {

userPos = { lat:p.coords.latitude, lng:p.coords.longitude };

map.setView([userPos.lat,userPos.lng], 12);

userMarker.setLatLng([userPos.lat,userPos.lng]);

render();

}, () => {}, { enableHighAccuracy:true, timeout:10000, maximumAge:60000 });

}

// === Mapa (Leaflet) ===

const map = L.map('map').setView([userPos.lat,userPos.lng], 12);

L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', { attribution: '&copy; OpenStreetMap contrib.' }).addTo(map);

const userMarker = L.marker([userPos.lat,userPos.lng]).addTo(map).bindPopup('Your approximate location');

let restMarkers = [];

// === DOM refs ===

const elQ = document.getElementById('q');

const elCount = document.getElementById('count');

const elRes = document.getElementById('results');

const elRadius = document.getElementById('radius');

const elRadiusOut = document.getElementById('radiusOut');

const elOrder = document.getElementById('order');

const chipButtons = Array.from(document.querySelectorAll('.chip'));

const wg = document.getElementById('wg'), wt = document.getElementById('wt'), wf = document.getElementById('wf');

const wgVal = document.getElementById('wgVal'), wtVal = document.getElementById('wtVal'), wfVal = document.getElementById('wfVal');

// Accesibilidad: atajo '/'

window.addEventListener('keydown', e => { if (e.key==='/' && document.activeElement.tagName!=='INPUT') { e.preventDefault(); elQ.focus(); }});

// Listeners

elQ.addEventListener('input', e => { query = e.target.value.toLowerCase(); render(); });

elRadius.addEventListener('input', e => { radiusKm = +e.target.value; elRadiusOut.textContent = radiusKm; render(); });

elOrder.addEventListener('change', e => { order = e.target.value; render(); });

wg.addEventListener('input', e => { wgVal.textContent = e.target.value; weights = normalizeWeights({ g:+wg.value/100, t:+wt.value/100, f:+wf.value/100 }); render(); });

wt.addEventListener('input', e => { wtVal.textContent = e.target.value; weights = normalizeWeights({ g:+wg.value/100, t:+wt.value/100, f:+wf.value/100 }); render(); });

wf.addEventListener('input', e => { wfVal.textContent = e.target.value; weights = normalizeWeights({ g:+wf.value/100, t:+wt.value/100, f:+wf.value/100 }); render(); });

chipButtons.forEach(btn => {

btn.addEventListener('click', () => {

const sel = btn.getAttribute('data-cat');

if (category === sel) { category = 'todas'; chipButtons.forEach(b => b.setAttribute('aria-pressed','false')); }

else { category = sel; chipButtons.forEach(b => b.setAttribute('aria-pressed', b === btn ? 'true' : 'false')); }

render();

});

});

function starSVG(fill){

return `<svg class="star" viewBox="0 0 24 24" aria-hidden="true"><path d="M12 17.27 18.18 21l-1.64-7.03L22 9.24l-7.19-.61L12 2 9.19 8.63 2 9.24l5.46 4.73L5.82 21z" fill="${fill}" stroke="#e5e7eb"/></svg>`;

}

function render(){

const enriched = DATA.map(r => ({

...r,

distance: haversineKm(userPos, r.coords),

score: weightedScore(r.ratings, weights)

}));

let list = enriched

.filter(r => category==='todas' ? true : r.category===category)

.filter(r => r.distance <= radiusKm)

.filter(r => query ? (r.name + " " + r.city).toLowerCase().includes(query) : true);

list.sort((a,b) => order==='score' ? b.score - a.score : a.distance - b.distance);

elRes.innerHTML = '';

list.forEach(r => {

const div = document.createElement('div');

div.className = 'item';

div.setAttribute('role','listitem');

div.innerHTML = `

<div style="margin-top:2px">📍</div>

<div style="flex:1">

<div style="display:flex;gap:8px;align-items:center;flex-wrap:wrap">

<a href="${r.url}" target="\_blank" rel="noreferrer" class="link">${r.name}</a>

<span class="badge" aria-label="City ${r.city}">${r.city}</span>

<span class="badge" aria-label="Category ${r.category}">${r.category}</span>

</div>

<div class="muted" style="margin-top:4px;display:flex;gap:8px;align-items:center;font-size:14px">

<span class="stars" aria-label="Score ${r.score} out of 5" title="${r.score} / 5">

${starSVG('#fbbf24').repeat(Math.floor(r.score))}

${(r.score - Math.floor(r.score))>=0.5 ? starSVG('#fde68a') : ''}

${starSVG('#e5e7eb').repeat(5 - Math.floor(r.score) - ((r.score - Math.floor(r.score))>=0.5?1:0))}

</span>

<span>${r.score} / 5</span>

<span>•</span>

<span aria-label="Distance ${r.distance.toFixed(1)} kilometers">${r.distance.toFixed(1)} km</span>

<span>•</span>

<span>Price ${r.price}</span>

</div>

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

<span class="badge">Google: ${(r.ratings.google??'N/D')}</span>

<span class="badge">Tripadvisor: ${(r.ratings.tripadvisor??'N/D')}</span>

<span class="badge">TheFork: ${(typeof r.ratings.thefork==='number' ? r.ratings.thefork.toFixed(1)+' / 10' : 'N/D')}</span>

</div>

</div>

<div><a class="muted" href="https://www.google.com/maps/search/?api=1&query=${encodeURIComponent(r.name+' '+r.city)}" target="\_blank" rel="noreferrer">Open in Maps</a></div>

`;

elRes.appendChild(div);

});

elCount.textContent = String(list.length);

restMarkers.forEach(m => map.removeLayer(m));

restMarkers = list.map(r => L.marker([r.coords.lat, r.coords.lng]).addTo(map)

.bindPopup(`<b>${r.name}</b><br>${r.city} • ${r.category}<br><b>${r.score}</b> / 5<br><a href='https://www.google.com/maps/search/?api=1&query=${encodeURIComponent(r.name+' '+r.city)}' target='\_blank' rel='noreferrer'>Open in Maps</a>`));

}

render();

</script>

</body>

</html>