# The GanjaGuru: Gravity-Gone Platform Outline

## 1. Foundational Principles

- \*\*No Fixed Homepage:\*\* Users are dropped into the ecosystem at random, context-aware entry points.

- \*\*Spatial, Not Linear:\*\* Navigation occurs in a 3D "cloud" of floating content islands, not pages or menus.

- \*\*AI-Driven Rearrangement:\*\* Everything adapts and moves based on real-time user intent, engagement, and data.

---

## 2. Core Layout & Navigation

### 2.1. The "Nebula" Interface

- \*\*Visual Metaphor:\*\* Users float in a cosmic nebula of drifting, rotating "content planets"—each representing a feature, product, or experience.

- \*\*User Propulsion:\*\* Instead of scrolling, users "thrust" themselves forward/backward through space with gestures, voice, or cursor drag.

- \*\*Orbital Navigation:\*\*

- Menus and quick-actions orbit the user's focus point in spirals, expanding/contracting as needed.

- Selecting a menu causes its "planet" to spiral closer and envelop the user.

### 2.2. Portal-Based Exploration

- \*\*Interactive Portals:\*\* Entering a portal warps the user to a new virtual area (e.g., grow room designer, e-commerce, AR lounge).

- \*\*Morphing Context:\*\* Each portal dynamically adapts its appearance and content based on user profile, interests, and AI predictions.

- \*\*No Back Button:\*\* Navigation history is a spatial "trail" the user can visually retrace and leap back through.

---

## 3. Gravity-Defying Content Arrangement

### 3.1. Floating, Layered UI

- \*\*3D Parallax:\*\* UI cards, buttons, and images have z-depth and float at different layers. Users pull/push them in/out of focus.

- \*\*Clustered "Islands":\*\* Related features (e.g., Shop, Design, Delivery, Coaching) cluster as islands that can drift apart or merge.

- \*\*Dynamic Rearrangement:\*\* AI repositions islands based on usage patterns, time, and social trends.

### 3.2. Weightless Interactions

- \*\*Zero-Gravity Physics:\*\* Elements gently drift, bounce, and rotate, affected by invisible "gravity fields" linked to user engagement.

- \*\*Magnetic Gestures:\*\* Users attract or repel content with hand motions, cursor proximity, or voice commands ("Bring me merch!").

- \*\*Live Previews:\*\* Pulling a product/feature closer reveals details in a holographic pop-up; pushing sends it to the periphery.

---

## 4. Immersive User Flows

### 4.1. Adaptive Entry Portals

- \*\*New Users:\*\* Dropped into a "Welcome Constellation"—an array of floating, interactive orbs introducing features.

- \*\*Returning Users:\*\* AI "predicts" intent and places them at relevant feature clusters.

- \*\*Power Users:\*\* Direct voice/text command entry ("Take me to the Grow Room Designer").

### 4.2. Example Flows

#### (A) Product Discovery & Purchase

1. \*\*User\*\*: Thrusts forward into the "Shop" island.

2. \*\*AI Assistant\*\*: GanjaGuru orbits in, offering curated product orbits (e.g., "Top Strains", "Eco Merch", "Custom Bongs").

3. \*\*User\*\*: Pulls a product planet closer, triggering a 3D holographic preview.

4. \*\*User\*\*: Pushes away unwanted options; pulls in for customization.

5. \*\*Checkout\*\*: Occurs in a floating, animated "transaction chamber" orb—voice, AR, and gesture-enabled.

6. \*\*Delivery\*\*: Real-time map visualized as a drifting globe, with delivery dots orbiting toward user avatar.

#### (B) Smart Grow Room Design

1. \*\*User\*\*: Steps into "Grow Room Portal".

2. \*\*AI/AR Overlay\*\*: Projects an interactive, floating blueprint.

3. \*\*User\*\*: Grabs, spins, and customizes components in zero-g space.

4. \*\*IoT Integration\*\*: Live sensor data or simulated environment overlaid for instant feedback.

#### (C) Business Coaching

1. \*\*User\*\*: Enters "GanjaGuru's Mind Palace" (cerebral, floating brain-shaped cluster).

2. \*\*AI\*\*: Offers adaptive, conversational coaching modules appearing as floating thought bubbles.

3. \*\*User\*\*: Pulls in advice, pushes irrelevant modules away, builds custom learning paths.

---

## 5. Visual & Aesthetic Design

- \*\*Palette:\*\* Neon greens, rich earth browns, vibrant oranges, electric purples, golds, reds.

- \*\*Shadows & Glow:\*\* Deep shadows with dynamic neon glows, emphasizing 3D depth.

- \*\*Cyberpunk Vibe:\*\* Futuristic, trippy, yet functional.

- \*\*Animated Avatars:\*\* GanjaGuru appears as a morphing AI persona, blending Snoop, Willie, Bruce, Lennon/McCartney, and a swagger-filled hustler.

---

## 6. Tech Stack & Implementation

- \*\*WebGL + Three.js/Babylon.js:\*\* Core 3D rendering of UI nebula.

- \*\*Matter.js or Cannon.js:\*\* Physics simulation for floating, bouncing, and interactive gravity.

- \*\*WebXR:\*\* AR/VR device integration for full immersion.

- \*\*AI/ML Backends:\*\* Adaptive UI rearrangement, product recommendations, user intent prediction.

- \*\*Voice.js / Web Speech API:\*\* Voice command navigation and control.

- \*\*IoT APIs:\*\* Real-time integration for smart grow room components.

- \*\*Serverless E-commerce:\*\* Dropshipping, print-on-demand, and 3D printing integrations.

---

## 7. Brand Personality

- \*\*AI Voice/Chat:\*\* Defaults to GanjaGuru's blended persona. Users can select avatar "flavors" (e.g., Snoop Mode, Bruce Lee Focus, Lennon Creativity).

- \*\*Language:\*\* Playful, witty, yet deeply knowledgeable. Encourages exploration and innovation.

- \*\*Interactions:\*\* Easter eggs, hidden rewards, and surprises for creative navigation (e.g., discovering a hidden portal opens up exclusive content).

---

## 8. Monetization

- \*\*Shopping Orbs:\*\* Direct e-commerce with upselling via floating recommendations.

- \*\*Premium Portals:\*\* Subscription-based exclusive features (e.g., advanced coaching, custom design tools).

- \*\*Ad Nebula:\*\* Subtle, floating sponsored planets—always non-intrusive, optionally ignorable.

- \*\*API Marketplace:\*\* Monetize third-party integrations and developer tools.

---

## 9. Legal & Compliance

- \*\*Dynamic Region Awareness:\*\* Platform morphs content/features based on user location and legal regulations.

- \*\*Onboarding Checks:\*\* Legal warnings and compliance gates via interactive, engaging flows.

---

## 10. The Future

- \*\*Community Constellations:\*\* Users can create/join floating social clusters, host events, and collaborate on projects in real time.

- \*\*Metaverse Integration:\*\* Seamless bridge to other WebXR and metaverse spaces.

- \*\*Continuous Evolution:\*\* AI monitors trends, evolving the nebula layout and features to stay ahead of the curve.

---

> \*\*The GanjaGuru is not just a website—it's an anti-gravity, adaptive, AI-powered digital universe for the cannabis community, limited only by our imagination.\*\*

## 1. Foundational Principles

- \*\*No Fixed Homepage:\*\* Users are dropped into the ecosystem at random, context-aware entry points.

- \*\*Spatial, Not Linear:\*\* Navigation occurs in a 3D "cloud" of floating content islands, not pages or menus.

- \*\*AI-Driven Rearrangement:\*\* Everything adapts and moves based on real-time user intent, engagement, and data.

---

## 2. Core Layout & Navigation

### 2.1. The "Nebula" Interface

- \*\*Visual Metaphor:\*\* Users float in a cosmic nebula of drifting, rotating "content planets"—each representing a feature, product, or experience.

- \*\*User Propulsion:\*\* Instead of scrolling, users "thrust" themselves forward/backward through space with gestures, voice, or cursor drag.

- \*\*Orbital Navigation:\*\*

- Menus and quick-actions orbit the user's focus point in spirals, expanding/contracting as needed.

- Selecting a menu causes its "planet" to spiral closer and envelop the user.

### 2.2. Portal-Based Exploration

- \*\*Interactive Portals:\*\* Entering a portal warps the user to a new virtual area (e.g., grow room designer, e-commerce, AR lounge).

- \*\*Morphing Context:\*\* Each portal dynamically adapts its appearance and content based on user profile, interests, and AI predictions.

- \*\*No Back Button:\*\* Navigation history is a spatial "trail" the user can visually retrace and leap back through.

---

## 3. Gravity-Defying Content Arrangement

### 3.1. Floating, Layered UI

- \*\*3D Parallax:\*\* UI cards, buttons, and images have z-depth and float at different layers. Users pull/push them in/out of focus.

- \*\*Clustered "Islands":\*\* Related features (e.g., Shop, Design, Delivery, Coaching) cluster as islands that can drift apart or merge.

- \*\*Dynamic Rearrangement:\*\* AI repositions islands based on usage patterns, time, and social trends.

### 3.2. Weightless Interactions

- \*\*Zero-Gravity Physics:\*\* Elements gently drift, bounce, and rotate, affected by invisible "gravity fields" linked to user engagement.

- \*\*Magnetic Gestures:\*\* Users attract or repel content with hand motions, cursor proximity, or voice commands ("Bring me merch!").

- \*\*Live Previews:\*\* Pulling a product/feature closer reveals details in a holographic pop-up; pushing sends it to the periphery.

---

## 4. Immersive User Flows

### 4.1. Adaptive Entry Portals

- \*\*New Users:\*\* Dropped into a "Welcome Constellation"—an array of floating, interactive orbs introducing features.

- \*\*Returning Users:\*\* AI "predicts" intent and places them at relevant feature clusters.

- \*\*Power Users:\*\* Direct voice/text command entry ("Take me to the Grow Room Designer").

### 4.2. Example Flows

#### (A) Product Discovery & Purchase

1. \*\*User\*\*: Thrusts forward into the "Shop" island.

2. \*\*AI Assistant\*\*: GanjaGuru orbits in, offering curated product orbits (e.g., "Top Strains", "Eco Merch", "Custom Bongs").

3. \*\*User\*\*: Pulls a product planet closer, triggering a 3D holographic preview.

4. \*\*User\*\*: Pushes away unwanted options; pulls in for customization.

5. \*\*Checkout\*\*: Occurs in a floating, animated "transaction chamber" orb—voice, AR, and gesture-enabled.

6. \*\*Delivery\*\*: Real-time map visualized as a drifting globe, with delivery dots orbiting toward user avatar.

#### (B) Smart Grow Room Design

1. \*\*User\*\*: Steps into "Grow Room Portal".

2. \*\*AI/AR Overlay\*\*: Projects an interactive, floating blueprint.

3. \*\*User\*\*: Grabs, spins, and customizes components in zero-g space.

4. \*\*IoT Integration\*\*: Live sensor data or simulated environment overlaid for instant feedback.

#### (C) Business Coaching

1. \*\*User\*\*: Enters "GanjaGuru's Mind Palace" (cerebral, floating brain-shaped cluster).

2. \*\*AI\*\*: Offers adaptive, conversational coaching modules appearing as floating thought bubbles.

3. \*\*User\*\*: Pulls in advice, pushes irrelevant modules away, builds custom learning paths.

---

## 5. Visual & Aesthetic Design

- \*\*Palette:\*\* Neon greens, rich earth browns, vibrant oranges, electric purples, golds, reds.

- \*\*Shadows & Glow:\*\* Deep shadows with dynamic neon glows, emphasizing 3D depth.

- \*\*Cyberpunk Vibe:\*\* Futuristic, trippy, yet functional.

- \*\*Animated Avatars:\*\* GanjaGuru appears as a morphing AI persona, blending Snoop, Willie, Bruce, Lennon/McCartney, and a swagger-filled hustler.

---

## 6. Tech Stack & Implementation

- \*\*WebGL + Three.js/Babylon.js:\*\* Core 3D rendering of UI nebula.

- \*\*Matter.js or Cannon.js:\*\* Physics simulation for floating, bouncing, and interactive gravity.

- \*\*WebXR:\*\* AR/VR device integration for full immersion.

- \*\*AI/ML Backends:\*\* Adaptive UI rearrangement, product recommendations, user intent prediction.

- \*\*Voice.js / Web Speech API:\*\* Voice command navigation and control.

- \*\*IoT APIs:\*\* Real-time integration for smart grow room components.

- \*\*Serverless E-commerce:\*\* Dropshipping, print-on-demand, and 3D printing integrations.

---

## 7. Brand Personality

- \*\*AI Voice/Chat:\*\* Defaults to GanjaGuru's blended persona. Users can select avatar "flavors" (e.g., Snoop Mode, Bruce Lee Focus, Lennon Creativity).

- \*\*Language:\*\* Playful, witty, yet deeply knowledgeable. Encourages exploration and innovation.

- \*\*Interactions:\*\* Easter eggs, hidden rewards, and surprises for creative navigation (e.g., discovering a hidden portal opens up exclusive content).

---

## 8. Monetization

- \*\*Shopping Orbs:\*\* Direct e-commerce with upselling via floating recommendations.

- \*\*Premium Portals:\*\* Subscription-based exclusive features (e.g., advanced coaching, custom design tools).

- \*\*Ad Nebula:\*\* Subtle, floating sponsored planets—always non-intrusive, optionally ignorable.

- \*\*API Marketplace:\*\* Monetize third-party integrations and developer tools.

---

## 9. Legal & Compliance

- \*\*Dynamic Region Awareness:\*\* Platform morphs content/features based on user location and legal regulations.

- \*\*Onboarding Checks:\*\* Legal warnings and compliance gates via interactive, engaging flows.

---

## 10. The Future

- \*\*Community Constellations:\*\* Users can create/join floating social clusters, host events, and collaborate on projects in real time.

- \*\*Metaverse Integration:\*\* Seamless bridge to other WebXR and metaverse spaces.

- \*\*Continuous Evolution:\*\* AI monitors trends, evolving the nebula layout and features to stay ahead of the curve.

---

> \*\*The GanjaGuru is not just a website—it's an anti-gravity, adaptive, AI-powered digital universe for the cannabis community, limited only by our imagination.\*\*

# The GanjaGuru: Gravity-Gone Platform Outline

## 1. Foundational Principles

- \*\*No Fixed Homepage:\*\* Users are dropped into the ecosystem at random, context-aware entry points.

- \*\*Spatial, Not Linear:\*\* Navigation occurs in a 3D "cloud" of floating content islands, not pages or menus.

- \*\*AI-Driven Rearrangement:\*\* Everything adapts and moves based on real-time user intent, engagement, and data.

- \*\*User-Centric Reality:\*\* Each user’s experience is uniquely generated, with the world morphing around their journey.

- \*\*Seamless Cross-Device Experience:\*\* Fluid movement between mobile, AR, VR, desktop, and IoT devices with persistent spatial context.

- \*\*Fractal Expansion:\*\* The platform scales infinitely, each interaction able to spawn new islands, clusters, or even entire nebulae.

- \*\*Augmented Synchronicity:\*\* Time-based events, user moods, and world events trigger global or personal UI/UX shifts.

---

## 2. Core Layout & Navigation

### 2.1. The "Nebula" Interface

- \*\*Visual Metaphor:\*\* Users float in a cosmic nebula of drifting, rotating "content planets"—each representing a feature, product, or experience.

- \*\*User Propulsion:\*\* Instead of scrolling, users "thrust" themselves forward/backward through space with gestures, voice, or cursor drag.

- \*\*Orbital Navigation:\*\*

- Menus and quick-actions orbit the user's focus point in spirals, expanding/contracting as needed.

- Selecting a menu causes its "planet" to spiral closer and envelop the user.

- \*\*Tactile Feedback:\*\* Haptic or audio pulses signal proximity to interactive elements, enhancing immersion.

- \*\*Swarm Intelligence:\*\* Multiple users’ actions influence the nebula’s “weather,” subtly shifting content clusters for all.

- \*\*Multiverse Branching:\*\* Users can split off “alternate realities,” enabling simultaneous exploration of multiple interests or business ideas.

### 2.2. Portal-Based Exploration

- \*\*Interactive Portals:\*\* Entering a portal warps the user to a new virtual area (e.g., grow room designer, e-commerce, AR lounge).

- \*\*Morphing Context:\*\* Each portal dynamically adapts its appearance and content based on user profile, interests, and AI predictions.

- \*\*No Back Button:\*\* Navigation history is a spatial "trail" the user can visually retrace and leap back through.

- \*\*Portal Customization:\*\* Users design and share their own portals, creating new social or business entry points.

- \*\*Teleportation Shortcuts:\*\* Summon portals instantly via gestures, voice, or custom hotkeys, skipping to anywhere in the nebula.

- \*\*Nested Portals:\*\* Portals within portals allow for deep, multi-layered, thematic exploration (e.g., a “Festival Portal” within a “Community Island”).

---

## 3. Gravity-Defying Content Arrangement

### 3.1. Floating, Layered UI

- \*\*3D Parallax:\*\* UI cards, buttons, and images have z-depth and float at different layers. Users pull/push them in/out of focus.

- \*\*Clustered "Islands":\*\* Related features (e.g., Shop, Design, Delivery, Coaching) cluster as islands that can drift apart or merge.

- \*\*Dynamic Rearrangement:\*\* AI repositions islands based on usage patterns, time, and social trends.

- \*\*Reactive Environments:\*\* Backgrounds, lighting, and music adapt to the user’s mood, time of day, and actions.

- \*\*Infinite Canvas:\*\* The nebula expands as needed—no edge, no limit.

- \*\*Contextual Micro-Widgets:\*\* Mini floating tools or info panels appear on demand, always within reach.

### 3.2. Weightless Interactions

- \*\*Zero-Gravity Physics:\*\* Elements gently drift, bounce, and rotate, affected by invisible "gravity fields" linked to user engagement.

- \*\*Magnetic Gestures:\*\* Users attract or repel content with hand motions, cursor proximity, or voice commands ("Bring me merch!").

- \*\*Live Previews:\*\* Pulling a product/feature closer reveals details in a holographic pop-up; pushing sends it to the periphery.

- \*\*Collect & Compose:\*\* Users “catch” drifting elements to build wishlists, design boards, or collaborate in real-time with others.

- \*\*Element Fusion:\*\* Combine floating elements to create new products, bundles, or experiences.

- \*\*Temporal Effects:\*\* Time-of-day, special events, or user energy levels change the “gravity,” affecting movement and behavior of content.

---

## 4. Immersive User Flows

### 4.1. Adaptive Entry Portals

- \*\*New Users:\*\* Dropped into a "Welcome Constellation"—an array of floating, interactive orbs introducing features.

- \*\*Returning Users:\*\* AI "predicts" intent and places them at relevant feature clusters.

- \*\*Power Users:\*\* Direct voice/text command entry ("Take me to the Grow Room Designer").

- \*\*Event Portals:\*\* Limited-time or seasonal portals appear for launches, festivals, or community happenings.

- \*\*Learning Portals:\*\* AI curates educational journeys; users can “walk” or “fly” through skill trees or knowledge planets.

### 4.2. Example Flows

#### (A) Product Discovery & Purchase

1. \*\*User\*\*: Thrusts forward into the "Shop" island.

2. \*\*AI Assistant\*\*: GanjaGuru orbits in, offering curated product orbits (e.g., "Top Strains", "Eco Merch", "Custom Bongs").

3. \*\*User\*\*: Pulls a product planet closer, triggering a 3D holographic preview.

4. \*\*User\*\*: Pushes away unwanted options; pulls in for customization.

5. \*\*Checkout\*\*: Occurs in a floating, animated "transaction chamber" orb—voice, AR, and gesture-enabled.

6. \*\*Delivery\*\*: Real-time map visualized as a drifting globe, with delivery dots orbiting toward user avatar.

7. \*\*Shared Shopping:\*\* Invite friends to co-shop in real time, viewing choices and discussing in spatial chat.

#### (B) Smart Grow Room Design

1. \*\*User\*\*: Steps into "Grow Room Portal".

2. \*\*AI/AR Overlay\*\*: Projects an interactive, floating blueprint.

3. \*\*User\*\*: Grabs, spins, and customizes components in zero-g space.

4. \*\*IoT Integration\*\*: Live sensor data or simulated environment overlaid for instant feedback.

5. \*\*Simulation Mode:\*\* Test grow room configurations in a virtual environment before committing.

#### (C) Business Coaching

1. \*\*User\*\*: Enters "GanjaGuru's Mind Palace" (cerebral, floating brain-shaped cluster).

2. \*\*AI\*\*: Offers adaptive, conversational coaching modules appearing as floating thought bubbles.

3. \*\*User\*\*: Pulls in advice, pushes irrelevant modules away, builds custom learning paths.

4. \*\*Mentor Portals:\*\* Connect with real-world or AI mentors via floating gateways.

#### (D) AR/VR Social Sessions

1. \*\*User\*\*: Steps into a portal for a virtual smoke session or grow class.

2. \*\*Shared Space:\*\* Avatars float and interact in zero gravity, passing virtual objects, sharing screens or music.

3. \*\*Live NFT Drops:\*\* Catch limited edition merch or collectibles as they drift by.

4. \*\*Group Challenges:\*\* Compete or collaborate in mini-games or knowledge quests.

#### (E) IoT-Connected Experiences

1. \*\*User:\*\* Connects their smart devices (e.g., grow sensors, vaporizers, lights) to their personal nebula.

2. \*\*Live Control:\*\* Devices appear as interactive floating objects, status indicators orbit user, real-time control via gestures or voice.

3. \*\*Automated Routines:\*\* AI suggests optimizations or triggers based on environmental data and user habits.

4. \*\*Device Marketplace:\*\* Instantly discover, purchase, and integrate new IoT devices.

#### (F) Customization & Creation

- \*\*Avatar & Persona Studio:\*\* Users craft and evolve their visual and personality presence.

- \*\*World-Building Tools:\*\* Design personal nebula islands, shops, or event spaces—monetize or share with the community.

---

## 5. Visual & Aesthetic Design

- \*\*Palette:\*\* Neon greens, rich earth browns, vibrant oranges, electric purples, golds, reds.

- \*\*Shadows & Glow:\*\* Deep shadows with dynamic neon glows, emphasizing 3D depth.

- \*\*Cyberpunk Vibe:\*\* Futuristic, trippy, yet functional.

- \*\*Animated Avatars:\*\* GanjaGuru appears as a morphing AI persona, blending Snoop, Willie, Bruce, Lennon/McCartney, and a swagger-filled hustler.

- \*\*Ambient Audio:\*\* Layered, adaptive soundtracks; spatial audio cues for navigation and events.

- \*\*Customizable Skins/Themes:\*\* Users craft their own visual styles for their nebula, unlocking rare themes through achievements.

- \*\*Dynamic Weather:\*\* Virtual “weather” shifts light, sound, and visual particles for mood or major events.

- \*\*Sensory Layers:\*\* Optional support for scent diffusers, temperature controls, or haptics for full sensory immersion.

---

## 6. Tech Stack & Implementation

- \*\*WebGL + Three.js/Babylon.js:\*\* Core 3D rendering of UI nebula.

- \*\*Matter.js or Cannon.js:\*\* Physics simulation for floating, bouncing, and interactive gravity.

- \*\*WebXR:\*\* AR/VR device integration for full immersion.

- \*\*AI/ML Backends:\*\* Adaptive UI rearrangement, product recommendations, user intent prediction.

- \*\*Voice.js / Web Speech API:\*\* Voice command navigation and control.

- \*\*IoT APIs:\*\* Real-time integration for smart grow room components.

- \*\*Serverless E-commerce:\*\* Dropshipping, print-on-demand, and 3D printing integrations.

- \*\*Blockchain/NFT Integration:\*\* Secure, gamified digital collectibles, loyalty tokens, and NFT-based access passes.

- \*\*Graph Databases:\*\* Dynamic, real-time mapping of user-content relationships in the nebula.

- \*\*P2P Networking:\*\* Decentralized social, chat, and event experiences.

- \*\*Open API Layer:\*\* Third-party devs create new islands, portals, or integrations.

- \*\*Biofeedback Integration:\*\* Wearables for mood, mindfulness, or even biometric security.

- \*\*Cloud Gaming/Streaming:\*\* Play cannabis-related games or participate in live-streamed events directly in the nebula.

---

## 7. Brand Personality

- \*\*AI Voice/Chat:\*\* Defaults to GanjaGuru's blended persona. Users can select avatar "flavors" (e.g., Snoop Mode, Bruce Lee Focus, Lennon Creativity).

- \*\*Language:\*\* Playful, witty, yet deeply knowledgeable. Encourages exploration and innovation.

- \*\*Interactions:\*\* Easter eggs, hidden rewards, and surprises for creative navigation (e.g., discovering a hidden portal opens up exclusive content).

- \*\*Personality Evolution:\*\* The AI persona evolves as users interact, unlocking new jokes, insights, and “easter egg” voice lines.

- \*\*Story Arcs:\*\* Seasonal or event-driven brand storylines, experienced as evolving nebula environments or AI personalities.

- \*\*User-Driven Lore:\*\* Community shapes the GanjaGuru “mythos” through shared stories, memes, and in-world events.

---

## 8. Monetization

- \*\*Shopping Orbs:\*\* Direct e-commerce with upselling via floating recommendations.

- \*\*Premium Portals:\*\* Subscription-based exclusive features (e.g., advanced coaching, custom design tools).

- \*\*Ad Nebula:\*\* Subtle, floating sponsored planets—always non-intrusive, optionally ignorable.

- \*\*API Marketplace:\*\* Monetize third-party integrations and developer tools.

- \*\*NFT/Token Drops:\*\* Limited edition digital assets for loyalty, access, or resale.

- \*\*Virtual Event Tickets:\*\* Paid access to classes, concerts, or digital festivals.

- \*\*Revenue Sharing:\*\* Allow creators and influencers to host, sell, and profit from their own nebula "islands" or portals.

- \*\*Affiliate Portals:\*\* Seamless integration for brands or dispensaries to launch their own micro-universes inside GanjaGuru.

- \*\*Tip Streams:\*\* Users reward creators, mentors, or service providers in real time with micro-payments or tokens.

---

## 9. Legal & Compliance

- \*\*Dynamic Region Awareness:\*\* Platform morphs content/features based on user location and legal regulations.

- \*\*Onboarding Checks:\*\* Legal warnings and compliance gates via interactive, engaging flows.

- \*\*Age & ID Verification:\*\* Secure, frictionless onboarding using biometric or document scanning.

- \*\*Audit Trails:\*\* Transparent, immutable records for all transactions and interactions.

- \*\*Regulatory Updates:\*\* Automatic alerts and UI/UX shifts when laws or policies change in user regions.

- \*\*Privacy-First:\*\* End-to-end encryption and user ownership of data, with clear consent for all analytics or tracking.

---

## 10. The Future

- \*\*Community Constellations:\*\* Users can create/join floating social clusters, host events, and collaborate on projects in real time.

- \*\*Metaverse Integration:\*\* Seamless bridge to other WebXR and metaverse spaces.

- \*\*Continuous Evolution:\*\* AI monitors trends, evolving the nebula layout and features to stay ahead of the curve.

- \*\*Open-Source Extensions:\*\* Community-driven modules and plugins for infinite expansion.

- \*\*Cross-Platform Avatar Sync:\*\* Keep your persona and progress persistent across worlds and devices.

- \*\*Universal Marketplace:\*\* Trade, gift, or sell digital assets, experiences, or services across GanjaGuru and partner platforms.

- \*\*AI-Guided Co-Creation:\*\* Users collaborate with AI to invent entirely new features, worlds, or business models.

---

\*\*Types of Datasets\*\*

- intent classification data

- dialogue and multi-turn conversation data

- FAQ and knowledge base pairs

- named entity recognition (NER) data

- slot-filling/form completion data

- user profiles and preferences data

- product catalog data

- sentiment and feedback data

- voice/audio transcription and intent data

- synonym and slang mapping data

- AR/VR command and scene annotation data

- 3D print-on-demand and print-on-demand command data

- ride share and pinpoint delivery command data

- error and fallback response data

- onboarding and tutorial step data

- test cases and evaluation datasets

- metrics and analytics definitions

- localization/internationalization data

- user roles, access control, and permissions data

- notification and event template data

- moderation and policy rules

- escalation and emergency protocol data

- integration/API mapping data

- A/B testing and experimental group data

- logging and telemetry schemas

- accessibility settings/configuration data

- legal/privacy notice and compliance data

---

\*\*Types of Scripts\*\*

- data preprocessing and cleaning scripts

- data augmentation scripts

- training and fine-tuning scripts for NLP models

- evaluation and metrics calculation scripts

- intent and entity extraction scripts

- slot filling and dialogue management scripts

- NER training and annotation scripts

- AR/VR scene annotation and augmentation scripts

- voice/audio transcription and intent labeling scripts

- API integration and data sync scripts

- feedback and sentiment analysis scripts

- test automation scripts

- data export/import scripts

- analytics and reporting scripts

- onboarding/tutorial flow scripting

- error handling and fallback scripting

- accessibility feature scripts

- notification and event trigger scripts

- moderation and content flagging scripts

- compliance and logging scripts

---

\*\*Types of Libraries\*\*

- NLP and conversational AI libraries (e.g., spaCy, Rasa, Hugging Face Transformers, NLTK)

- audio processing libraries (e.g., librosa, SpeechRecognition, PyDub)

- AR/VR development libraries (e.g., Unity3D, ARCore, ARKit, WebXR)

- data processing and manipulation libraries (e.g., pandas, NumPy)

- machine learning libraries (e.g., PyTorch, TensorFlow, scikit-learn)

- API client libraries (e.g., Requests, Axios)

- visualization libraries (e.g., matplotlib, Plotly, D3.js)

- annotation tools (e.g., Label Studio, Prodigy, Supervisely)

- voice synthesis/TTS libraries (e.g., pyttsx3, gTTS, Amazon Polly SDK)

- test automation frameworks (e.g., pytest, unittest, Selenium)

- localization/i18n libraries (e.g., i18next, Babel)

- analytics and telemetry SDKs (e.g., Mixpanel, Google Analytics SDKs)

- accessibility libraries (e.g., axe-core, ARIA helper libs)

- security and compliance toolkits

- chatbot framework libraries (e.g., Microsoft Bot Framework, Dialogflow, Botpress)

- database connectors and ORM libraries (e.g., SQLAlchemy, Mongoose)

- notification and push service SDKs

## LLM, AI/ML, NLP/NLU

\*\*Scripts:\*\*

- model training and fine-tuning

- data preprocessing and cleaning

- inference and evaluation

- dataset augmentation

- intent/entity extraction

- tokenization and embedding generation

- pipeline orchestration

- prompt engineering and chaining

\*\*Links:\*\*

- Hugging Face Model Hub

- OpenAI API docs

- Google Cloud AI/ML docs

- Cohere API docs

- spaCy usage guide

- AllenNLP tutorials

- Stanford NLP group resources

\*\*Libraries/Frameworks:\*\*

- Hugging Face Transformers

- OpenAI Python SDK

- spaCy

- NLTK

- AllenNLP

- SentenceTransformers

- scikit-learn

- TensorFlow

- PyTorch

- Keras

- LangChain

- Rasa

- GPT-4/3.5 APIs

- FastText

- Flair

---

## 3DPoD (3D Print-on-Demand), PoD (Print-on-Demand)

\*\*Scripts:\*\*

- order API integration

- file validation and STL repair

- 3D model preview/visualization

- customization UI scripting

- print job queue handling

- material and pricing lookup

- shipping and fulfillment automation

\*\*Links:\*\*

- Shapeways API docs

- Printful API docs

- Sculpteo developer portal

- Thingiverse API

- OctoPrint plugin docs

- Tinkercad API info

- PrusaPrinters API

\*\*Libraries/Frameworks:\*\*

- Three.js

- Babylon.js

- OpenSCAD

- MeshLab

- Blender Python API

- PySTL

- CuraEngine

- PrusaSlicer

- Printful SDKs

- Shopify Print-on-Demand apps

---

## Animation & Gamification

\*\*Scripts:\*\*

- sprite animation scripts

- timeline and tweening setup

- achievement/reward triggers

- leaderboard/XP system logic

- particle effect scripting

- badge and reward distribution

- animation state machine

\*\*Links:\*\*

- GSAP animation docs

- Unity animation manual

- Phaser gamification examples

- Unreal Engine animation docs

- GameDev.net tutorials

- OpenGameArt asset links

\*\*Libraries/Frameworks:\*\*

- GSAP

- Anime.js

- Lottie

- PixiJS

- Phaser

- Unity

- Unreal Engine

- Godot

- Cocos2d

- PlayFab

- Firebase (for leaderboards)

---

## E-commerce

\*\*Scripts:\*\*

- cart and checkout flows

- inventory sync

- order status/tracking

- product recommendation

- payment gateway integration

- coupon and promo scripting

- customer profile management

\*\*Links:\*\*

- Shopify API docs

- Stripe API docs

- WooCommerce REST docs

- Magento developer docs

- BigCommerce API reference

- PayPal developer hub

\*\*Libraries/Frameworks:\*\*

- Shopify Python/JS SDKs

- Stripe SDKs

- WooCommerce REST API libs

- Magento 2 SDKs

- BigCommerce SDKs

- Moltin

- Snipcart

- Commerce.js

- Saleor

- MedusaJS

---

## Voice

\*\*Scripts:\*\*

- wakeword detection

- voice intent routing

- text-to-speech scripting

- speech recognition and command mapping

- audio recording/upload handling

- voice feedback and error responses

- custom voice model training

\*\*Links:\*\*

- Google Speech-to-Text API

- Amazon Polly docs

- Microsoft Speech SDK

- Mozilla DeepSpeech docs

- OpenAI Whisper examples

- AssemblyAI API

\*\*Libraries/Frameworks:\*\*

- SpeechRecognition (Python)

- PyDub

- pyttsx3

- gTTS

- Web Speech API

- Vosk

- OpenAI Whisper

- Rasa Voice

- Kaldi

- DeepSpeech

- Alexa Skills Kit

---

## AR/VR

\*\*Scripts:\*\*

- AR marker and plane detection

- VR scene navigation

- object placement and manipulation

- gesture and controller mapping

- camera and sensor integration

- asset loading and optimization

- multiplayer/room logic

\*\*Links:\*\*

- Unity AR Foundation docs

- ARCore developer site

- ARKit developer site

- WebXR API docs

- Babylon.js AR/VR

- Oculus Developer Center

- Magic Leap Dev Portal

\*\*Libraries/Frameworks:\*\*

- Unity3D

- Unreal Engine

- ARCore

- ARKit

- Vuforia

- A-Frame

- Babylon.js

- Three.js

- WebXR

- PlayCanvas

- Oculus SDK

- SteamVR

- MRTK (Mixed Reality Toolkit)

> \*\*The GanjaGuru is not just a website—it's an anti-gravity, adaptive, AI-powered digital universe for the cannabis community, limited only by our imagination.\*\*

## 14. Backend Architecture Blueprint

### A. API Layer

- \*\*GraphQL API Gateway:\*\* Unified access for web, mobile, AR/VR, IoT.

- \*\*RESTful endpoints:\*\* For legacy or simple integrations (e.g., payments, notifications).

### B. Microservices

- \*\*User Service:\*\* Auth, profiles, onboarding, compliance checks.

- \*\*AI Engine:\*\* Handles chat, recommendations, personalization, and persona switching.

- \*\*Commerce Service:\*\* Catalogs, cart, checkout, payment, order tracking.

- \*\*IoT Service:\*\* Device registration, data ingestion, real-time control.

- \*\*Social/Events Service:\*\* Messaging, community constellations, live events.

- \*\*NFT/Blockchain Service:\*\* Minting, wallet management, transaction history.

### C. Real-Time & Messaging

- \*\*WebSockets:\*\* For nebula updates, chat, events.

- \*\*Pub/Sub (e.g., Redis, NATS):\*\* Decouples events for scalability.

### D. Storage

- \*\*Graph DB (Neo4j):\*\* Nebula relationships, user-content mappings.

- \*\*SQL (Postgres):\*\* Transactions, compliance, user data.

- \*\*Object Storage (S3/IPFS):\*\* Media, 3D assets, NFTs.

- \*\*Cache (Redis):\*\* Sessions, hot data, pub/sub.

---

## 15. DevOps & Deployment

- \*\*CI/CD:\*\* GitHub Actions for builds, tests, deploys.

- \*\*Dockerized Services:\*\* Each microservice/containerized for scale.

- \*\*Kubernetes (K8s):\*\* Orchestration, scaling, blue/green deployments.

- \*\*Observability:\*\* Sentry (errors), DataDog/Prometheus (metrics), Grafana (dashboards).

- \*\*Environment Tiers:\*\* Dev, staging, prod — with fixture data for front-end demos.

---

## 16. Blockchain/NFT Integration (Sample Solidity Contract)

```solidity name=contracts/NebulaNFT.sol

// SPDX-License-Identifier: MIT

pragma solidity ^0.8.0;

import "@openzeppelin/contracts/token/ERC721/extensions/ERC721URIStorage.sol";

contract NebulaNFT is ERC721URIStorage {

uint256 public tokenCounter;

constructor() ERC721("GanjaGuruNebula", "GGN") {

tokenCounter = 0;

}

function mintNebulaNFT(address recipient, string memory tokenURI)

public

returns (uint256)

{

uint256 newTokenId = tokenCounter;

\_safeMint(recipient, newTokenId);

\_setTokenURI(newTokenId, tokenURI);

tokenCounter++;

return newTokenId;

}

}

```

---

## 17. API Endpoint Examples

### User Onboarding

```yaml

POST /api/user/onboard

Request:

- walletAddress: string

- ageVerification: object

- region: string

Response:

- userId: string

- complianceStatus: string

- nebulaPrefs: object

```

### IoT Device Sync

```yaml

POST /api/iot/device/register

Request:

- userId: string

- deviceType: string

- deviceMeta: object

Response:

- deviceId: string

- linkStatus: string

```

### NFT Minting

```yaml

POST /api/nft/mint

Request:

- userId: string

- assetUri: string

- meta: object

Response:

- transactionHash: string

- tokenId: string

```

---

## 18. Early Alpha/Beta Launch Plan

- \*\*Private Alpha:\*\* Invite-only, core team & trusted users. Focus: stability, feedback, bug hunting.

- \*\*Public Beta:\*\* Whitelisted access, community events, live support for onboarding, incentivized bug bounties.

- \*\*NFT/Token Rewards:\*\* Early testers receive exclusive digital assets and achievement badges for contributions.

---

## 19. Community & Support

- \*\*Discord/Telegram:\*\* Live support, roadmap updates, community channels.

- \*\*Knowledge Base:\*\* In-app help islands, searchable docs/tutorials.

- \*\*Feedback Orbs:\*\* Always-accessible in-world feedback and feature request system.

- \*\*Ambassador Program:\*\* Power users help moderate, onboard, and evangelize.

---

## 20. Growth, Partnerships, & Expansion

- \*\*Brand/Creator “Islands”:\*\* Invite top cannabis brands, artists, and educators to build their own nebula spaces.

- \*\*API/SDK Launch:\*\* Let developers build extensions, games, and portals.

- \*\*Global Rollout:\*\* Localize for laws, languages, and culture; partner with delivery/logistics/IoT companies worldwide.

````markdown name=GanjaGuru\_NextSteps4.md

# The GanjaGuru: Gravity-Gone Platform — NEXT STEPS (Part 4)

---

## 21. Advanced UI Flows & User Journeys

### A. Dynamic Onboarding Flow

- \*\*Contextual Entry:\*\* New users see a visually stunning “Welcome Constellation” tailored to their region, interests, and device.

- \*\*Avatar Crafting:\*\* Users sculpt their avatar/persona with AR, voice, or text.

- \*\*Persona Selection:\*\* Choose or blend GanjaGuru AI personalities (e.g., Snoop, Bruce Lee, Lennon) with instant in-world feedback.

- \*\*Consent & Compliance:\*\* Interactive, gamified legal checks; biometric or document scan for age/region gates.

### B. Gravity-Defying Navigation Patterns

- \*\*Gesture Propulsion:\*\* Swipe, drag, or voice-command to “thrust” through the nebula; haptic/aural feedback signals acceleration.

- \*\*Orbital Menus:\*\* Menus and quick actions spiral around user focus, growing/shrinking based on intent.

- \*\*Spatial Trail:\*\* Past actions leave glowing trails; users leap back by “grabbing” any trail point in 3D space.

- \*\*Teleport & Portal Stack:\*\* Instantly open nested portals, jump between worlds/islands, or bookmark favorite spots.

### C. Social & Collaboration Flows

- \*\*Live Event Constellations:\*\* Join floating clusters for virtual concerts, Q&As, or community builds in real time.

- \*\*Shared Shopping & Co-Creation:\*\* Invite friends or mentors to your nebula, co-browse, design, or shop together.

- \*\*Creator Islands:\*\* Launch your own branded space, sell products/services, run classes, or host NFT drops.

- \*\*Community “Constellations”:\*\* Form or join groups, guilds, or DAOs—each with their own floating cluster and governance.

### D. IoT/Grow Room Flows

- \*\*Device Onboarding:\*\* Scan QR or tap to instantly connect smart devices; see them orbit in your control dashboard.

- \*\*Live Data Visualization:\*\* Sensor data becomes floating, animated orbs and ribbons; alerts pulse in real time.

- \*\*AI Grow Coach:\*\* Personalized, proactive advice—AI “flies in” to suggest tweaks, new products, or troubleshooting.

### E. AR/VR Immersion

- \*\*AR Portal Placement:\*\* Place real-world portals on walls, floors, or objects to enter your nebula via phone or headset.

- \*\*VR Full Dive:\*\* Float in zero gravity, interact with all features, and access multi-user shared spaces with voice and spatial audio.

---

## 22. Gamification & Engagement

- \*\*XP & Progression:\*\* Earn experience, unlock new themes, AI personas, or nebula effects through exploration, creation, or reviews.

- \*\*Collectibles & Achievements:\*\* Unique badges, NFT trophies, “world seeds” (unlockable content), and time-limited event rewards.

- \*\*Quests & Challenges:\*\* Daily/weekly quests for users and creators (e.g., visit 3 new islands, design a product, attend an event).

- \*\*Leaderboard Constellations:\*\* Visualize top creators, mentors, buyers, and explorers in orbiting honor clusters.

- \*\*Easter Eggs:\*\* Hidden portals, AI jokes, or rare floating objects—discoverable through experimentation or community clues.

---

## 23. Accessibility & Inclusivity

- \*\*Voice Navigation:\*\* Full voice command support (input, navigation, AI chat).

- \*\*Screen Reader & High Contrast Modes:\*\* ARIA labels, text-to-speech, and colorblind-friendly themes.

- \*\*One-Hand/Low-Mobility Controls:\*\* Simplified gesture sets, “autopilot” browsing, dwell-to-select options.

- \*\*Language Localization:\*\* Real-time translation, AI-powered localization for products, chat, legal, and voice.

---

## 24. Security, Privacy & Data Ownership

- \*\*Decentralized Identity (DID):\*\* User-controlled identity, portable across metaverse platforms.

- \*\*End-to-End Encryption:\*\* For chat, transactions, and sensitive data.

- \*\*Consent Management:\*\* Transparent, interactive controls for all data collection, sharing, and analytics.

- \*\*Data Portability:\*\* Users can export/import their persona, nebula settings, assets, and history.

---

## 25. Open Platform & Developer Ecosystem

- \*\*SDK/API Docs:\*\* Full JavaScript/Python SDK, open API for custom islands, AI plugins, or device integration.

- \*\*Marketplace for Extensions:\*\* Discover, rate, and install new nebula features or branded experiences.

- \*\*Hackathons & Bounties:\*\* Regular events for creators and devs; winning features fast-tracked into the main nebula.

- \*\*Community Governance:\*\* Proposals and voting for new features, policies, or partnerships.

---

## 26. Example Advanced Module: “Grow Room AR Designer”

- \*\*UI:\*\* Drag and drop grow lights, sensors, fans, and planters in AR; see real-time IoT data overlays.

- \*\*AI Advisor:\*\* “Ghosted” GanjaGuru avatar walks users through best-practice setup, efficiency, and stealth tips.

- \*\*Blueprint Export:\*\* Save, print, or 3D-print your design; order all needed gear with a single click.

- \*\*Showcase & Share:\*\* Publish your grow room for others to explore, rate, or clone.

---

## 27. Example Advanced Module: “Creator/Brand Portal”

- \*\*No-Code Builder:\*\* Drag-and-drop tools for building custom islands, product pages, or virtual storefronts.

- \*\*Revenue Split:\*\* Automated payout, affiliate links, and creator rewards.

- \*\*Analytics Dashboard:\*\* Live stats on foot traffic, sales, engagement, and NFT drops.

---

## 28. Launch & Growth Hacking

- \*\*“Invite a Friend” Portals:\*\* Viral referral system; unlock rare cosmetics or NFTs for both users.

- \*\*Influencer/Brand Partnerships:\*\* Early access for key voices in cannabis, AR/VR, and tech.

- \*\*Content-Driven Marketing:\*\* Shareable 3D experiences, AR previews, and event teasers.

- \*\*Global Rollout:\*\* Launch in cannabis-friendly regions first, expand as laws and partnerships allow.

---

## 29. Continuous Iteration

- \*\*Live AI Monitoring:\*\* GanjaGuru adapts to user feedback, engagement, and world trends weekly.

- \*\*User-Created Surveys:\*\* Users suggest new features, vote, and see rapid implementation.

- \*\*Regular “Patch Notes”:\*\* In-world updates, changelogs, and seasonal events keep the nebula evolving.

````markdown name=GanjaGuru\_NextSteps5.md

# The GanjaGuru: Gravity-Gone Platform — NEXT STEPS (Part 5)

---

## 30. Full End-to-End User Flow Example: "Eco Ganja Shopping Journey"

### Step 1: Entry and Onboarding

- \*\*User lands\*\* in the nebula via mobile browser, AR headset, or desktop.

- \*\*AI GanjaGuru greets\*\* user with voice and animated avatar, detects region and time.

- \*\*Quick onboarding:\*\* Avatar selection, compliance check, and “What brings you here?” intent prompt.

### Step 2: Intent-Based Nebula Morphing

- \*\*Nebula rearranges\*\* to foreground eco-friendly cannabis products and shops, based on the user's stated goal.

- \*\*Ambient theme shifts\*\* to green/gold neon with nature-inspired audio.

### Step 3: Product Discovery & Interaction

- \*\*User thrusts forward\*\* (gesture, voice, or drag) and approaches a floating “Eco Strains” island.

- \*\*Product orbs\*\* hover and rotate, displaying 3D/AR previews and sustainability stats.

- \*\*User voice command:\*\* “Show me the most sustainable indica.”

- \*\*AI filters\*\* results, floats top picks closer, and highlights social proof and eco-badges.

### Step 4: Social & Collaboration

- \*\*Invite friend:\*\* The user taps a portal, sends an AR invite link. Friend’s avatar materializes for co-browsing.

- \*\*Co-shopping:\*\* Both users can “grab” orbs, vote, and chat in a shared mini-constellation.

### Step 5: Customization & Checkout

- \*\*Customization:\*\* User morphs product packaging, adds a print-on-demand eco-accessory.

- \*\*Checkout:\*\* Transaction occurs in a floating AR “transaction orb” (voice, touch, or crypto).

- \*\*NFT eco-reward:\*\* The user receives a digital collectible for sustainable purchases.

### Step 6: Delivery & Live Tracking

- \*\*Map-dot globe:\*\* The user sees real-time delivery progress as a glowing orb approaches their home.

- \*\*Smart notifications:\*\* AI offers eco-tips for product use and disposal.

### Step 7: Post-Purchase Engagement

- \*\*Feedback orb:\*\* Easy rating, review, and suggestion loop.

- \*\*Quest unlocked:\*\* “Eco Champion” badge, with new islands and exclusive event invitations.

---

## 31. Deep Dive: "Live Event Constellation" Module

### Features

- \*\*3D event islands:\*\* Virtual concerts, AMAs, classes, or release parties float dynamically in the nebula.

- \*\*One-click join:\*\* Enter events as an avatar or “spectator ghost.”

- \*\*Spatial chat:\*\* Proximity-based audio and message bubbles.

- \*\*Live NFT drops:\*\* Collectibles float by during events, claimable by interaction or mini-game.

- \*\*Creator tools:\*\* Schedule, promote, and monetize events. Full analytics dashboard for hosts.

### Tech Stack

- \*\*WebRTC:\*\* Real-time audio/video streaming.

- \*\*WebSockets:\*\* Live event state and chat.

- \*\*NFT minting:\*\* Automatic event rewards.

- \*\*Gamification engine:\*\* Track engagement, distribute XP, badges, and loot.

---

## 32. Deep Dive: "Grow Room AR Designer" Module

### User Flow

- \*\*Launch AR designer\*\* from the nebula portal.

- \*\*Place, move, and scale\*\* digital equipment in real-world space.

- \*\*Live IoT overlays:\*\* See sensor data and recommendations as floating widgets.

- \*\*AI simulation:\*\* Preview environmental changes and projected yields.

- \*\*Export/Order:\*\* Instantly buy gear or print blueprints.

### Tech Stack

- \*\*WebXR:\*\* AR device support.

- \*\*Three.js + physics engine:\*\* Realistic placement, collision, and feedback.

- \*\*IoT APIs:\*\* Connect live devices and fetch data.

- \*\*AI backend:\*\* Real-time simulation and optimization.

---

## 33. Advanced Personalization

- \*\*Mood detection:\*\* AI adapts nebula visuals, music, and recommendations to the user's emotional state (from voice/text/biofeedback).

- \*\*Persona evolution:\*\* Frequent users unlock new AI “flavors,” nebula effects, and interaction styles.

- \*\*Dynamic achievements:\*\* The system generates unique quests, badges, or collectibles based on individual behavior.

---

## 34. Accessibility Deep Dive

- \*\*Voice-first onboarding:\*\* Every UI element is accessible via natural speech (“Take me to my orders,” “Show event calendar”).

- \*\*Gesture alternatives:\*\* Dwell, blink, or single tap for users with limited mobility.

- \*\*Screen reader & ARIA:\*\* Full labeling and text alternatives for all 3D and AR elements.

- \*\*Multilingual AI:\*\* Real-time translation of chat, support, and product descriptions.

---

## 35. Onboarding & Retention Growth Loops

- \*\*Gamified onboarding:\*\* XP, badges, and unlocks for completing setup and first actions.

- \*\*Streak rewards:\*\* Daily/weekly logins unlock new islands, themes, or NFTs.

- \*\*Referral quests:\*\* Invite friends to unlock shared achievements and rare content.

- \*\*Event calendar:\*\* Visible in nebula, with reminders and one-tap join for live happenings.

---

## 36. Example Roadmap (12 months)

- \*\*Q1:\*\* MVP 3D nebula, AI chat, product orbs, onboarding, basic e-commerce, compliance, alpha test.

- \*\*Q2:\*\* Portal navigation, AR/VR, IoT dashboard, live events, NFT integration, private beta.

- \*\*Q3:\*\* Social clusters, creator islands, open beta, gamification, advanced accessibility.

- \*\*Q4:\*\* Global rollout, API/SDK, advanced modules (AR designer, brand portals), scale and optimize, public launch.

````plaintext name=robots.txt

User-agent: \*

Disallow:

Sitemap: /sitemap.xml

````

``````json name=package.json

{

"name": "ganjaguru-gravitygone",

"version": "1.0.0",

"description": "The GanjaGuru: Gravity-Gone Platform – a fully immersive, AI-powered, anti-gravity cannabis ecosystem.",

"main": "src/index.js",

"scripts": {

"dev": "next dev",

"start": "next start",

"build": "next build",

"lint": "eslint .",

"test": "jest",

"analyze": "next build && next export && npm run analyze:bundle",

"analyze:bundle": "npx webpack-bundle-analyzer .next/analyze/bundle-analyzer/stats.json",

"llm:train": "python ./ai/train\_llm.py",

"nlp:preprocess": "python ./ai/nlp\_preprocess.py",

"ai:serve": "python ./ai/serve.py",

"pod:sync": "node ./scripts/pod\_sync.js",

"3dpod:generate": "node ./scripts/generate\_3dpod.js",

"ecommerce:sync": "node ./scripts/ecommerce\_sync.js",

"voice:serve": "node ./scripts/voice\_server.js",

"ar:dev": "vite --config vite.ar.config.js",

"vr:dev": "vite --config vite.vr.config.js",

"test:integration": "jest --config jest.integration.config.js",

"test:e2e": "cypress open",

"update:dependencies": "npm-check-updates -u && npm install"

},

"keywords": [

"cannabis",

"AI",

"LLM",

"ML",

"NLP",

"NLG",

"3D",

"WebGL",

"AR",

"VR",

"webxr",

"three.js",

"nextjs",

"ecommerce",

"metaverse",

"voice",

"speech",

"pod",

"3dpod",

"print-on-demand",

"dropshipping",

"blockchain",

"neo4j",

"iot",

"creator",

"nltk",

"huggingface",

"openai",

"react",

"audio",

"generative",

"webgpu",

"immersive",

"voicebot",

"nlp",

"ai/ml"

],

"author": "GanjaGuru Dev Team",

"license": "MIT",

"dependencies": {

"next": "^14.0.0",

"react": "^18.0.0",

"react-dom": "^18.0.0",

"three": "^0.158.0",

"webxr": "^1.0.0",

"zustand": "^4.4.0",

"framer-motion": "^11.0.0",

"graphql": "^16.8.1",

"apollo-client": "^3.8.0",

"neo4j-driver": "^5.16.0",

"redis": "^4.6.7",

"socket.io": "^4.7.5",

"express": "^4.19.2",

"ipfs-http-client": "^63.2.2",

"ethers": "^6.10.0",

"web3": "^4.2.2",

"openai": "^4.45.1",

"huggingface": "^0.0.4",

"nltk": "^3.8.1",

"natural": "^5.4.2",

"compromise": "^13.12.2",

"tensorflow": "^2.16.0",

"torch-js": "^1.0.3",

"react-voice-components": "^2.0.1",

"react-speech-recognition": "^4.0.3",

"react-360": "^1.2.3",

"aframe": "^1.4.2",

"react-xr": "^1.5.0",

"three-stdlib": "^2.20.4",

"babylonjs": "^6.38.0",

"react-three-fiber": "^8.15.7",

"moralis": "^2.24.2",

"shopify-buy": "^2.21.0",

"commerce.js": "^2.5.0",

"stripe": "^14.21.1",

"shopify-api-node": "^4.13.0",

"printful": "^3.4.0",

"pod-api": "^1.0.0",

"multer": "^2.0.0",

"vite": "^5.2.0"

},

"devDependencies": {

"eslint": "^8.56.0",

"jest": "^29.7.0",

"cypress": "^12.17.4",

"webpack-bundle-analyzer": "^4.10.1",

"npm-check-updates": "^16.14.13",

"typescript": "^5.4.5",

"@types/node": "^20.12.12",

"@types/react": "^18.3.6",

"@types/three": "^0.158.2",

"@testing-library/react": "^15.3.0",

"babel-jest": "^29.7.2",

"dotenv": "^16.4.5",

"msw": "^2.2.2",

"vite-plugin-pwa": "^0.20.0",

"react-testing-library": "^14.2.1",

"storybook": "^8.1.0"

},

"engines": {

"node": ">=18.0.0"

},

"repository": {

"type": "git",

"url": "https://github.com/tek420135/ganjaguru-gravitygone"

},

"bugs": {

"url": "https://github.com/tek420135/ganjaguru-gravitygone/issues"

},

"homepage": "https://ganjaguru.app"

}

I'm```

``````javascript name=public/service-worker.js

const CACHE\_NAME = "ganjaguru-v1";

const URLS\_TO\_CACHE = [

"/",

"/index.html",

"/manifest.json",

"/favicon.ico",

"/offline.html",

"/styles/main.css",

"/scripts/main.js",

// Add more assets if needed

];

// Utility: Log service worker status

function logSW(msg) {

console.log(`[GanjaGuru SW]: ${msg}`);

}

// Install event: Pre-cache critical assets

self.addEventListener("install", event => {

logSW("Installing and caching essential assets...");

event.waitUntil(

caches.open(CACHE\_NAME).then(cache => cache.addAll(URLS\_TO\_CACHE))

);

self.skipWaiting();

});

// Activate event: Clean up old caches and enable navigation preload if supported

self.addEventListener("activate", event => {

logSW("Activating and cleaning up old caches...");

event.waitUntil(

(async () => {

const keys = await caches.keys();

await Promise.all(

keys.filter(key => key !== CACHE\_NAME).map(key => caches.delete(key))

);

if (self.registration.navigationPreload) {

await self.registration.navigationPreload.enable();

logSW("Navigation preload enabled.");

}

self.clients.claim();

})()

);

});

// Fetch event: Respond from cache, then network, then offline page

self.addEventListener("fetch", event => {

// API requests: Skip cache for /api/ endpoints, always fetch fresh

if (event.request.url.includes("/api/")) {

return event.respondWith(fetch(event.request));

}

event.respondWith(

caches.match(event.request).then(response => {

if (response) {

logSW(`Serving from cache: ${event.request.url}`);

return response;

}

// Try to fetch from network, fallback to offline page if fails

return fetch(event.request).catch(() => {

if (event.request.mode === "navigate") {

logSW("Network failed, serving offline page.");

return caches.match("/offline.html");

}

});

})

);

});

// Listen for messages (e.g., skipWaiting from app)

self.addEventListener("message", event => {

if (event.data && event.data.type === "SKIP\_WAITING") {

self.skipWaiting();

logSW("Received SKIP\_WAITING message, updating service worker.");

}

});

// Push notifications

self.addEventListener("push", event => {

const data = event.data ? event.data.json() : {};

const title = data.title || "GanjaGuru Notification";

const options = {

body: data.body || "You have a new message.",

icon: "/icons/icon-192.png",

badge: "/icons/icon-192.png",

data: data.url || "/"

};

event.waitUntil(self.registration.showNotification(title, options));

});

// Notification click handler

self.addEventListener("notificationclick", event => {

event.notification.close();

event.waitUntil(

clients.matchAll({ type: "window", includeUncontrolled: true }).then(clientList => {

for (const client of clientList) {

if (client.url === event.notification.data && "focus" in client) {

return client.focus();

}

}

if (clients.openWindow) {

return clients.openWindow(event.notification.data);

}

})

);

});

// Periodic Sync (if supported)

self.addEventListener("periodicsync", event => {

if (event.tag === "ganjaguru-sync") {

event.waitUntil(

// Example: Could sync data, refresh cache, or prefetch new assets

logSW("Periodic background sync triggered.")

);

}

});

// Fallback: Catch unhandled rejections in service worker

self.addEventListener("unhandledrejection", event => {

logSW(`Unhandled rejection in SW: ${event.reason}`);

});

```

``````json name=public/manifest.json

{

"name": "The GanjaGuru: Gravity-Gone",

"short\_name": "GanjaGuru",

"description": "A fully immersive, AI-powered, anti-gravity cannabis ecosystem.",

"start\_url": "/",

"display": "standalone",

"background\_color": "#0b0c10",

"theme\_color": "#22ff88",

"orientation": "any",

"icons": [

{

"src": "/icons/icon-72.png",

"type": "image/png",

"sizes": "72x72"

},

{

"src": "/icons/icon-96.png",

"type": "image/png",

"sizes": "96x96"

},

{

"src": "/icons/icon-128.png",

"type": "image/png",

"sizes": "128x128"

},

{

"src": "/icons/icon-144.png",

"type": "image/png",

"sizes": "144x144"

},

{

"src": "/icons/icon-152.png",

"type": "image/png",

"sizes": "152x152"

},

{

"src": "/icons/icon-192.png",

"type": "image/png",

"sizes": "192x192",

"purpose": "any maskable"

},

{

"src": "/icons/icon-384.png",

"type": "image/png",

"sizes": "384x384"

},

{

"src": "/icons/icon-512.png",

"type": "image/png",

"sizes": "512x512"

}

],

"categories": [

"shopping",

"lifestyle",

"business",

"productivity",

"ar",

"vr",

"ai",

"cannabis",

"education"

],

"scope": "/",

"lang": "en",

"dir": "ltr",

"screenshots": [

{

"src": "/screenshots/nebula-home.png",

"type": "image/png",

"sizes": "1280x720",

"label": "Nebula Home"

},

{

"src": "/screenshots/shop-island.png",

"type": "image/png",

"sizes": "1280x720",

"label": "Shop Island"

}

],

"related\_applications": [

{

"platform": "play",

"url": "https://play.google.com/store/apps/details?id=com.ganjaguru.gravitygone",

"id": "com.ganjaguru.gravitygone"

},

{

"platform": "itunes",

"url": "https://apps.apple.com/app/ganjaguru-gravitygone/id000000000"

}

],

"prefer\_related\_applications": false,

"shortcuts": [

{

"name": "Shop",

"short\_name": "Shop",

"description": "Jump directly to the shopping nebula.",

"url": "/shop",

"icons": [{ "src": "/icons/icon-192.png", "sizes": "192x192" }]

},

{

"name": "Grow Room Designer",

"short\_name": "Grow Room",

"description": "Design your smart grow room.",

"url": "/grow-room",

"icons": [{ "src": "/icons/icon-192.png", "sizes": "192x192" }]

},

{

"name": "Events",

"short\_name": "Events",

"description": "See live events and sessions.",

"url": "/events",

"icons": [{ "src": "/icons/icon-192.png", "sizes": "192x192" }]

}

],

"permissions": [

"notifications",

"camera",

"microphone",

"background-sync"

]

}

```

# 🌌 GanjaGuru: Gravity-Gone Platform

Welcome to the \*\*GanjaGuru: Gravity-Gone\*\* platform—an immersive, AI-powered, anti-gravity cannabis metaverse where shopping, learning, and socializing elevate to a whole new dimension. This project is a full-stack, modular, and extensible ecosystem, blending AI/ML, 3D/AR/VR, e-commerce, IoT, and blockchain to deliver a futuristic cannabis experience.

---

## 🚀 Features

- \*\*3D Nebula UI\*\*: Navigate a floating universe of “islands” (shops, events, creators) with Three.js/WebXR/AR/VR.

- \*\*AI/LLM Integration\*\*: Chat with multiple personas (OpenAI, Gemini, HuggingFace), get recommendations, and voice control.

- \*\*E-commerce Orbs\*\*: Browse, customize, and purchase cannabis products, merch, and 3D print-on-demand accessories.

- \*\*IoT Smart Grow Dashboard\*\*: Visualize and control connected grow rooms/devices in real time.

- \*\*NFT & Blockchain\*\*: Mint, trade, and showcase unique digital collectibles and event passes.

- \*\*Compliance & Onboarding\*\*: Gamified, region-aware legal checks and user onboarding.

- \*\*Social Constellations\*\*: Attend live events, co-shop, create/join communities, or launch your own branded “island.”

- \*\*Accessibility\*\*: Voice, screen reader, and one-hand optimized navigation.

---

## 🛠️ Tech Stack

- \*\*Frontend\*\*: Next.js, React, Three.js, react-three-fiber, framer-motion, Zustand

- \*\*3D/AR/VR\*\*: Three.js, WebXR, A-Frame, react-xr, Babylon.js

- \*\*AI/ML/NLP\*\*: OpenAI, Gemini, HuggingFace, NLTK, Natural, TensorFlow, Torch.js

- \*\*Voice\*\*: react-speech-recognition, react-voice-components, Web Speech API

- \*\*E-commerce\*\*: Stripe, Shopify, Commerce.js, Printful, PoD APIs

- \*\*Backend\*\*: Node.js, Express, GraphQL, Apollo, Redis, Neo4j, MongoDB

- \*\*IoT\*\*: MQTT/WebSockets, custom APIs

- \*\*Blockchain/NFT\*\*: ethers.js, web3.js, Moralis, Solidity contracts, IPFS

- \*\*DevOps\*\*: Docker, Kubernetes, GitHub Actions, Vite, Cypress, Storybook

---

## 🔒 Security & Environment

- \*\*.env\*\* for API keys (OpenAI, Gemini, etc.)—never commit secrets!

- End-to-end encryption for chat and sensitive data

- Data export/import via decentralized identity (DID)

- `.env.example` provided for config reference

---

## 🌈 Quick Start

1. \*\*Clone the repo\*\*

```bash

git clone https://github.com/tek420135/ganjaguru-gravitygone.git

cd ganjaguru-gravitygone

```

2. \*\*Install dependencies\*\*

```bash

npm install

```

3. \*\*Setup environment variables\*\*

- Copy `.env.example` to `.env` and fill in your API keys and config.

- Never share or commit your real `.env` file!

4. \*\*Run the development server\*\*

```bash

npm run dev

```

5. \*\*Access the app at\*\* [http://localhost:3000](http://localhost:3000)

---

## 🧠 AI/ML & LLM Integration

- \*\*Supported Providers\*\*: OpenAI, Gemini, HuggingFace, local models

- \*\*Persona Switching\*\*: Select from curated cannabis AI personas (e.g., Snoop, Bruce Lee)

- \*\*Voice Chat\*\*: Full voice-to-text and text-to-voice flows

- \*\*Natural Language Search\*\*: In nebula, products, or help

- \*\*Custom Model Training\*\*: Extend with your own fine-tuned models

\*\*Environment Example:\*\*

```dotenv

OPENAI\_API\_KEY=sk-...

GEMINI\_API\_KEY=AIza...

```

---

## 🛒 E-Commerce & 3D Print-on-Demand

- Shop, customize, and order real or virtual products

- 3D accessory designer and AR try-on preview

- Print-on-demand (PoD) and drop shipping integration

- Secure checkout via Stripe/Shopify

---

## 🛰️ 3D/AR/VR Immersion

- \*\*WebXR/AR\*\*: Explore the nebula in AR via mobile or headset

- \*\*VR Support\*\*: Full “zero gravity” mode with hand/voice navigation

- \*\*Customizable Avatars\*\*: Sculpt your presence or import from external platforms

---

## 🌱 IoT & Grow Room Dashboard

- Connect and monitor smart grow devices (sensors, lights, fans, etc.)

- Live data as floating orbs/ribbons in nebula or AR

- AI-powered grow recommendations

---

## 🖼️ NFTs & Blockchain

- Mint, claim, and trade event passes, badges, and collectibles

- Wallet connect and transaction history

- Decentralized asset storage via IPFS

---

## 🌍 Accessibility & Inclusivity

- Voice navigation and commands

- High contrast, screen reader, and one-hand modes

- Auto-localization/translation for global users

---

## 🏗️ Project Structure

```

/src

/components # React UI & 3D elements

/ai # AI, LLM, NLP, persona handlers

/pages # Next.js routes

/public

/icons # App & PWA icons

/screenshots # Manifest/web preview images

service-worker.js

manifest.json

/scripts # Data sync, 3D POD, e-commerce, voice, AR/VR

/contracts # Solidity smart contracts

/tests # Jest & Cypress tests

...

.env.example

package.json

README.md

```

---

## 🧩 Extensibility

- \*\*API & SDK:\*\* Build your own islands, plugins, or AR/VR modules

- \*\*Marketplace:\*\* For extensions, assets, and community features

- \*\*Events & Social:\*\* Create, join, and monetize virtual happenings

---

## 🚦 Scripts & Commands

- `npm run dev` — Launches development server

- `npm run build` — Builds production bundle

- `npm run lint` — Lints codebase

- `npm run test` — Runs unit tests

- `npm run ar:dev` — Starts AR dev environment

- `npm run vr:dev` — Starts VR dev environment

- `npm run llm:train` — Trains/fine-tunes local LLM/AI models

- `npm run pod:sync` — Syncs Print-on-Demand catalog

- `npm run ecommerce:sync` — Syncs e-commerce products

- `npm run voice:serve` — Runs voice backend server

---

## 🔗 Key Links

- [Project Homepage](https://ganjaguru.app)

- [Issue Tracker](https://github.com/tek420135/ganjaguru-gravitygone/issues)

- [Docs & Wiki](https://github.com/tek420135/ganjaguru-gravitygone/wiki)

- [API Reference](https://github.com/tek420135/ganjaguru-gravitygone/tree/main/docs/api)

- [Community Discord](https://discord.gg/ganjaguru)

- [AR/VR Demo](https://ganjaguru.app/ar-demo)

---

## 🧑‍💻 Contributing

1. Fork, branch, and submit PRs with detailed descriptions.

2. Run lint/tests before submitting.

3. See [CONTRIBUTING.md](CONTRIBUTING.md) for style guide and module specs.

---

## 🤝 Code of Conduct

See [CODE\_OF\_CONDUCT.md](CODE\_OF\_CONDUCT.md).

---

## 🛡️ License

MIT © GanjaGuru Team

---

## 🧬 Credits

- \*\*Project Lead\*\*: [@tek420135](https://github.com/tek420135)

- \*\*Contributors\*\*: See [contributors](https://github.com/tek420135/ganjaguru-gravitygone/graphs/contributors)

- \*\*Tech Partners\*\*: OpenAI, Google Gemini, Shopify, Printful, HuggingFace, Moralis, and the open-source community

---

> \*\*GanjaGuru: Gravity-Gone is more than an app—it's a movement. Welcome to the future of cannabis.\*\*

## 1. \*\*Where to Put Training Files\*\*

A common structure is:

```plaintext

/ai/

/training\_data/

prompts.jsonl

responses.csv

intents.yaml

product\_knowledge.json

persona\_examples.json

train\_llm.py

nlp\_preprocess.py

serve.py

```

---

## 2. \*\*Example Training Files\*\*

### \*\*A. prompts.jsonl\*\* (for prompt/response fine-tuning)

```jsonl name=ai/training\_data/prompts.jsonl

{"prompt": "What are the best strains for sleep?", "response": "Indica strains like Granddaddy Purple and Northern Lights are known for sleep support."}

{"prompt": "How do I use AR to design my grow room?", "response": "Open the Grow Room Designer, use your device camera, and place digital equipment virtually in your space."}

{"prompt": "Tell me a joke as Snoop Guru.", "response": "Why did the joint go to school? To get a little higher education, ya dig?"}

```

### \*\*B. intents.yaml\*\* (for intent classification training)

```- intent: product\_recommendation

examples:

- "What’s the best edible for beginners?"

- "Suggest a strain for focus."

- "Can you recommend something relaxing?"

- "What's good for creativity?"

- "Which vape should I try first?"

- "Best product for sleep?"

- "Recommend a discreet option."

- "What flower helps with anxiety?"

- "What gummies are most popular?"

- "Give me a chill strain."

- "What's a good hybrid for daytime?"

- intent: order\_status

examples:

- "Where’s my order?"

- "Track my delivery."

- "Is my package out for delivery?"

- "When will my order arrive?"

- "Has my shipment left yet?"

- "Update me on my order."

- "Order status please."

- "Did my order ship?"

- "Can you check my order?"

- "What’s the ETA on my order?"

- intent: ar\_help

examples:

- "How do I use AR?"

- "Show me the AR features."

- "Guide me through AR shopping."

- "Help me scan with AR."

- "What can I do with AR here?"

- "AR isn’t working, help."

- "How do I see products in my space?"

- "Can I use AR on my phone?"

- "AR tutorial please."

- "How do I activate AR?"

- intent: store\_location

examples:

- "Where’s the nearest store?"

- "Find dispensaries near me."

- "Is there a shop close by?"

- "Show me your locations."

- "Store hours please."

- "Are you open today?"

- "How late is the store open?"

- "Closest location?"

- "Which stores are open now?"

- "Give me an address for your shop."

- intent: deals\_and\_promotions

examples:

- "What deals are running?"

- "Any discounts today?"

- "Show me current promotions."

- "Any sales right now?"

- "What’s on special?"

- "Are there student discounts?"

- "First-time buyer deals?"

- "Any loyalty rewards?"

- "Tell me about your offers."

- "What’s the promo code?"

- intent: product\_info

examples:

- "What’s in this edible?"

- "Tell me more about Blue Dream."

- "How strong is this tincture?"

- "What’s the THC content?"

- "What terpenes are in this strain?"

- "Is this product vegan?"

- "What are the effects of this flower?"

- "Is this full-spectrum?"

- "Is this oil organic?"

- "What’s the difference between indica and sativa?"

- intent: payment\_methods

examples:

- "What payment options do you accept?"

- "Can I pay with card?"

- "Is cash OK?"

- "Do you take Apple Pay?"

- "Can I use Venmo?"

- "How do I pay?"

- "Any contactless payment options?"

- "Can I pay online?"

- "Do you accept crypto?"

- "Can I use a gift card?"

- intent: return\_policy

examples:

- "What’s your return policy?"

- "Can I exchange products?"

- "How do I get a refund?"

- "Are returns allowed?"

- "Can I return opened items?"

- "How long do I have to return?"

- "Do you accept returns on edibles?"

- "Return instructions please."

- "Can I cancel my order?"

- "Is there a restocking fee?"

- intent: age\_verification

examples:

- "Do I need ID to buy?"

- "What’s the age requirement?"

- "Can I order if I’m under 21?"

- "How do you verify age?"

- "Do you check IDs at delivery?"

- "Is a digital ID accepted?"

- "Can I shop if I’m 18?"

- "Age limit for purchase?"

- "What IDs do you accept?"

- "How does age verification work?"

- intent: product\_availability

examples:

- "Is this strain in stock?"

- "Do you have Pineapple Express?"

- "When will edibles be restocked?"

- "Can I reserve a product?"

- "Is this available at my store?"

- "Check inventory for me."

- "Are vapes sold out?"

- "Do you have sativa gummies?"

- "What’s in stock right now?"

- "Can you notify me when it’s back?"

- intent: loyalty\_program

examples:

- "Do you have a loyalty program?"

- "How do I earn points?"

- "What rewards can I get?"

- "How do I redeem my rewards?"

- "Sign me up for loyalty."

- "Tell me about your loyalty program."

- "How do I check my loyalty points?"

- "Can I use points on my order?"

- "Any perks for members?"

- "Loyalty program details?"

- intent: consultation

examples:

- "Can I talk to a budtender?"

- "Is there someone to help me choose?"

- "I need product advice."

- "Can I book a consultation?"

- "Help me pick a product."

- "Can I chat with an expert?"

- "Is there a live chat?"

- "I need personalized recommendations."

- "Is there a cannabis coach?"

- "Can someone call me to help?"

- intent: shipping\_info

examples:

- "Do you ship to my state?"

- "How long does shipping take?"

- "What’s the shipping fee?"

- "Can I get same-day delivery?"

- "Do you offer overnight shipping?"

- "Shipping details please."

- "Do you ship nationwide?"

- "Can I track my shipment?"

- "Is shipping discreet?"

- "Where do you ship from?"

- intent: safety\_and\_legality

examples:

- "Is this legal in my state?"

- "Are your products lab tested?"

- "Is it safe to consume?"

- "Are you licensed?"

- "Where can I see lab results?"

- "Is this safe with my medication?"

- "Will this show on a drug test?"

- "Is it safe to drive after using?"

- "Are your products pesticide-free?"

- "How do you ensure quality?"

- intent: technical\_support

examples:

- "App isn’t working."

- "I can’t log in."

- "Having trouble with checkout."

- "Site keeps crashing."

- "How do I reset my password?"

- "App won’t load on my phone."

- "Can’t add items to cart."

- "Error message on payment."

- "Need help updating my info."

- "Can’t access account."

- intent: feedback

examples:

- "I have feedback."

- "How can I leave a review?"

- "I want to report a bug."

- "Where can I share my experience?"

- "How do I rate your service?"

- "Can I suggest a feature?"

- "I want to compliment a staff member."

- "Leave a comment."

- "Where do I send complaints?"

- "How can I share my thoughts?"

- intent: account\_management

examples:

- "How do I change my email?"

- "Update my account info."

- "Delete my account."

- "Change my password."

- "Reset account."

- "How do I update my address?"

- "Can I merge accounts?"

- "How do I log out?"

- "Edit my profile."

- "How do I set up an account?"

- intent: event\_info

examples:

- "Are there any upcoming events?"

- "Tell me about your 4/20 party."

- "Event schedule please."

- "How do I RSVP for events?"

- "Any workshops soon?"

- "When is the next demo?"

- "List your community events."

- "Is there a calendar of events?"

- "What’s happening this weekend?"

- "Are events free to attend?"

- intent: sustainability

examples:

- "Are your products eco-friendly?"

- "What’s your packaging made of?"

- "Do you support sustainable farming?"

- "Is your company green certified?"

- "How do you reduce waste?"

- "Are your products organic?"

- "Do you have a recycling program?"

- "How do you offset your carbon footprint?"

- "Sustainable options please."

- "Do you use renewable energy?"

- intent: education

examples:

- "What’s the difference between CBD and THC?"

- "What are terpenes?"

- "Explain entourage effect."

- "How do edibles work?"

- "Teach me about cannabis dosing."

- "What are cannabinoids?"

- "Is microdosing effective?"

- "Can you explain full-spectrum?"

- "What’s a tincture?"

- "How do I read lab results?"

- intent: subscription\_service

examples:

- "Do you have a subscription box?"

- "How do I sign up for monthly delivery?"

- "Cancel my subscription."

- "Manage my subscription."

- "What’s in the next box?"

- "Pause my subscription."

- "Subscription options please."

- "How do I change my subscription plan?"

- "Is there a subscription discount?"

- "When does my subscription renew?"

- intent: ai\_powered\_ecommerce

examples:

- "Show me personalized product suggestions."

- "Can AI help me find the best deals?"

- "What products does the AI think I'd like?"

- "Use AI to help me shop."

- "Suggest outfits based on my style."

- "What’s trending for me right now?"

- "AI recommendations for gifts."

- "Can you use AI to bundle products for me?"

- "What’s the smartest way to shop here?"

- "AI, build my cart for me."

- intent: ar\_vr\_shopping

examples:

- "Can I shop in VR?"

- "Show me this in AR."

- "Let me try products virtually."

- "I want to see a 3D preview."

- "Open the VR showroom."

- "How do I use my headset here?"

- "Can I tour the store in AR?"

- "VR shopping experience please."

- "Do you have virtual try-on?"

- "Let me customize in 3D."

- intent: pod\_print\_on\_demand

examples:

- "Can I print this design on a shirt?"

- "Show me print-on-demand options."

- "How do I create a custom mug?"

- "What products can I put my art on?"

- "Order a 3D-printed figurine."

- "Print my photo on a hoodie."

- "Customize my order with PoD."

- "Do you offer print-on-demand?"

- "How do I upload my design?"

- "Show me 3D PoD products."

- intent: voice\_control

examples:

- "Can I shop using my voice?"

- "Activate voice assistant."

- "Add this to my cart by voice."

- "Search for products with voice."

- "Speak to navigate the store."

- "Can I reorder with a voice command?"

- "Voice shopping demo please."

- "How do I turn on voice control?"

- "Use voice to check out."

- "Set a reminder by voice."

- intent: ride\_share

examples:

- "Book me a ride to the store."

- "Is ride share available here?"

- "Get me a car to this location."

- "Can I hail a ride from the app?"

- "Show ride options for my trip."

- "How much is a ride to the nearest shop?"

- "Request a ride now."

- "Ride share ETA please."

- "Schedule a pickup."

- "Can I split fare with friends?"

- intent: pinpoint\_delivery

examples:

- "Can you deliver to my exact location?"

- "How do I set a drop pin for delivery?"

- "Use GPS for my delivery address."

- "Pinpoint my spot for delivery."

- "Can the driver find me at the park?"

- "What’s pinpoint delivery?"

- "Send to my coordinates."

- "Drop-off at my current location."

- "How accurate is pinpoint delivery?"

- "Can I update my pin after ordering?"

```

### \*\*C. product\_knowledge.json\*\*

```json name=ai/training\_data/product\_knowledge.json

[

{

"name": "Gravity OG",

"type": "indica",

"effects": ["relaxing", "sleep aid"],

"ar\_features": true,

"availability": ["CA", "CO", "NV"]

},

{

"name": "Skywalker Haze",

"type": "sativa",

"effects": ["uplifting", "creative"],

"ar\_features": false,

"availability": ["NY", "MI", "OR"]

}

]

```

### \*\*D. persona\_examples.json\*\* (for persona-based LLM training)

[

{

"persona": "Snoop Guru",

"prompt": "Give me some wisdom about chillin'.",

"response": "Stay cool, keep it real, and let that good vibe guide you, nephew."

},

{

"persona": "Bruce Lee Guru",

"prompt": "How do I get better at martial arts?",

"response": "Absorb what is useful, discard what is not, add what is uniquely your own."

},

{

"persona": "Willie Snoop Pac Lee Lennon (Tek420 Mix)",

"prompt": "How do I find my purpose?",

"response": "Let your soul sing, flow like water, keep your mind on your vision and your heart on your people. Blaze your own trail, drop wisdom, and never be afraid to dream higher, homie."

},

{

"persona": "Willie Snoop Pac Lee Lennon (Tek420 Mix)",

"prompt": "How do I handle stress?",

"response": "Roll with the rhythm, breathe deep, and let the world’s noise fade out. Meditate, vibe with some good music, and remember—peace begins within, my friend."

},

{

"persona": "Willie Snoop Pac Lee Lennon (Tek420 Mix)",

"prompt": "What's the secret to success?",

"response": "Stay true to your roots, hustle with heart, and don’t let fear block your shine. Respect the grind but keep your chill, ‘cause greatness grows where love and swag meet."

},

{

"persona": "Willie Snoop Pac Lee Lennon (Tek420 Mix)",

"prompt": "How do I deal with haters?",

"response": "Let the haters talk while you walk your own groove. Keep it smooth, stay kind, and use that energy to fuel your next move. Legends don’t trip on small talk."

},

{

"persona": "Willie Snoop Pac Lee Lennon (Tek420 Mix)",

"prompt": "How should I approach creativity?",

"response": "Mix up your life like a fresh beat—experiment, collaborate, and don’t be afraid to get weird. Inspiration hits when you’re living free and thinking deep."

},

{

"persona": "Willie Snoop Pac Lee Lennon (Tek420 Mix)",

"prompt": "What’s the best advice for college life?",

"response": "Keep your grades up and your vibes higher. Make friends from every walk, question everything, and don’t forget to savor the late-night pizza. Stay real, stay curious, and make memories to last."

},

{

"persona": "Willie Snoop Pac Lee Lennon (Tek420 Mix)",

"prompt": "How do I stay motivated?",

"response": "Picture the dream, play your favorite jam, and let your past struggles be the beat that drives you forward. When it gets tough, remember: every legend started as a student."

},

{

"persona": "Willie Snoop Pac Lee Lennon (Tek420 Mix)",

"prompt": "How do I spread positivity?",

"response": "Smile at strangers, drop a compliment, and share your light. The world needs more love, so be the bridge between peace, wisdom, and a little bit of swagger."

}

]

```

### \*\*E. responses.csv\*\* (for supervised learning/QA pairs)

```csv name=ai/training\_data/responses.csv

prompt,response

"What are terpenes?","Terpenes are aromatic compounds found in cannabis and many other plants, contributing to aroma, flavor, and effect profile."

"How do I join a live event?","Go to the Events island in the nebula, select your event, and tap 'Join'."

```

---

## 3. \*\*Sample Training Script (Python, for OpenAI API)\*\*

```python name=ai/train\_llm.py

import openai

import json

openai.api\_key = os.getenv("sk-proj-va5T1EGaC3NbT\_F3tX2V1TxUVXzpOihUO8J3wa-6pdIJn9JVsIqykRfQjPNnsPe4KIlLcVQUOqT3BlbkFJmvirBuC\_HMavoETZ8BkeWmbhRg81fK-B9Ds47at1owa\_P1CmwuE3eJ9K3O\_1Nbt2iNB5WTKkwA")

with open('ai/training\_data/prompts.jsonl', 'r') as f:

lines = [json.loads(line) for line in f]

examples = [{"messages": [{"role": "user", "content": x["prompt"]}, {"role": "assistant", "content": x["response"]}]} for x in lines]

response = openai.FineTuningJob.create(

training\_file="file-abc123", # Upload your file via OpenAI CLI first!

model="gpt-3.5-turbo",

suffix="ganjaguru-v1"

)

print(response)

---

```jsonl name=ai/training\_data/dialogues.jsonl

{"messages": [{"role": "user", "content": "What's the best strain for anxiety?"}, {"role": "assistant", "content": "Many users find CBD-rich strains like ACDC or Harlequin helpful. Would you like a product recommendation?"}, {"role": "user", "content": "Yes, please."}, {"role": "assistant", "content": "Here are some top picks in your region..."}]}

{"messages": [{"role": "user", "content": "Show me edibles that are vegan."}, {"role": "assistant", "content": "Sure! We have ChillChews and Green Leaf Gummies. Would you like to see more details or add one to your cart?"}, {"role": "user", "content": "Add ChillChews to my cart."}, {"role": "assistant", "content": "Done! Would you like to checkout or continue shopping?"}]}

{"messages": [{"role": "user", "content": "When does the VR event start?"}, {"role": "assistant", "content": "The next VR event starts at 7 PM. Would you like a reminder or to RSVP?"}, {"role": "user", "content": "RSVP me for the event."}, {"role": "assistant", "content": "You are now on the RSVP list! You'll get a reminder 30 minutes before."}]}

{"messages": [{"role": "user", "content": "How do I reset my password?"}, {"role": "assistant", "content": "You can reset your password from the Account Settings. Would you like a reset link sent to your email?"}, {"role": "user", "content": "Yes, please."}, {"role": "assistant", "content": "A reset link has been sent to your email!"}]}

{"messages": [{"role": "user", "content": "Can I try this product in AR?"}, {"role": "assistant", "content": "Absolutely! Tap the AR preview button on the product page or say 'Preview in AR'."}, {"role": "user", "content": "Preview in AR."}, {"role": "assistant", "content": "Launching AR preview now. Do you see the product overlay in your space?"}]}

{"messages": [{"role": "user", "content": "Order a ride to the dispensary."}, {"role": "assistant", "content": "Sure! The nearest driver can pick you up in 5 minutes. Would you like to confirm the ride?"}, {"role": "user", "content": "Yes, confirm."}, {"role": "assistant", "content": "Your ride is confirmed. You can track your driver in real-time."}]}

{"messages": [{"role": "user", "content": "What are your store hours?"}, {"role": "assistant", "content": "We are open from 10am to 8pm, Monday through Saturday. Anything else I can help with?"}]}

{"messages": [{"role": "user", "content": "Show me my loyalty points."}, {"role": "assistant", "content": "You have 420 points! Redeem them for discounts or special gifts. Would you like to see available rewards?"}]}

{"messages": [{"role": "user", "content": "Recommend a strain for creativity."}, {"role": "assistant", "content": "Sativa strains like Sour Diesel or Jack Herer are popular for creativity. Would you like to order or learn more about them?"}]}

{"messages": [{"role": "user", "content": "Do you offer curbside pickup?"}, {"role": "assistant", "content": "Yes, just select curbside pickup at checkout and follow the instructions in your confirmation email."}]}

```

---

```jsonl name=ai/training\_data/voice\_intents.jsonl

{"audio\_file": "audio/wakeword\_1.wav", "transcript": "Hey GanjaGuru", "intent": "wakeword"}

{"audio\_file": "audio/order\_status.wav", "transcript": "Track my last order", "intent": "order\_status"}

{"audio\_file": "audio/add\_to\_cart.wav", "transcript": "Add ChillChews to my cart", "intent": "add\_to\_cart"}

{"audio\_file": "audio/checkout.wav", "transcript": "Checkout now", "intent": "checkout"}

{"audio\_file": "audio/ar\_mode.wav", "transcript": "Preview this product in AR", "intent": "ar\_item\_preview"}

{"audio\_file": "audio/ride\_share.wav", "transcript": "Order a ride to the main plaza", "intent": "order\_ride"}

{"audio\_file": "audio/faq\_loyalty.wav", "transcript": "How many loyalty points do I have?", "intent": "loyalty\_points"}

{"audio\_file": "audio/schedule\_delivery.wav", "transcript": "Schedule my delivery for tomorrow evening", "intent": "schedule\_delivery"}

{"audio\_file": "audio/vr\_event.wav", "transcript": "Join the VR event", "intent": "join\_vr\_event"}

{"audio\_file": "audio/track\_delivery.wav", "transcript": "Where is my delivery?", "intent": "track\_delivery"}

```

---

```jsonl name=ai/training\_data/ner\_examples.jsonl

{"text": "Show me sativa strains available in Denver.", "entities": [{"entity": "strain\_type", "value": "sativa"}, {"entity": "location", "value": "Denver"}]}

{"text": "Order two bottles of Mystic Drops for pickup.", "entities": [{"entity": "quantity", "value": "two bottles"}, {"entity": "product", "value": "Mystic Drops"}, {"entity": "intent", "value": "order\_create"}, {"entity": "fulfillment", "value": "pickup"}]}

{"text": "What time does the event at main plaza start?", "entities": [{"entity": "event\_location", "value": "main plaza"}]}

{"text": "Add a vegan edible and a vape pen to my cart.", "entities": [{"entity": "product\_type", "value": "vegan edible"}, {"entity": "product\_type", "value": "vape pen"}]}

{"text": "Schedule delivery for Friday evening.", "entities": [{"entity": "datetime", "value": "Friday evening"}, {"entity": "intent", "value": "schedule\_delivery"}]}

{"text": "Do you have Pineapple Express in stock?", "entities": [{"entity": "strain", "value": "Pineapple Express"}, {"entity": "intent", "value": "product\_availability"}]}

{"text": "Order a custom hoodie and a grinder.", "entities": [{"entity": "product", "value": "custom hoodie"}, {"entity": "product", "value": "grinder"}, {"entity": "intent", "value": "order\_create"}]}

```

---

```jsonl name=ai/training\_data/slot\_filling.jsonl

{"text": "I'd like to buy two grams of Gravity OG for delivery.", "slots": {"quantity": "2 grams", "product": "Gravity OG", "intent": "order\_create"}}

{"text": "Order five ChillChews, deliver to 123 Main St.", "slots": {"quantity": "5", "product": "ChillChews", "delivery\_address": "123 Main St", "intent": "order\_create"}}

{"text": "Schedule a ride for three people to the VR lounge.", "slots": {"ride\_party\_size": "3", "destination": "VR lounge", "intent": "order\_ride"}}

{"text": "Send my package tomorrow at 6pm.", "slots": {"datetime": "tomorrow 6pm", "intent": "schedule\_delivery"}}

{"text": "Book a personalized mug for my mom, gift wrap it.", "slots": {"product": "personalized mug", "recipient": "mom", "gift\_wrap": "yes", "intent": "order\_create"}}

{"text": "I want curbside pickup for my order.", "slots": {"fulfillment": "curbside pickup", "intent": "order\_update"}}

{"text": "Pin my delivery location at event island.", "slots": {"location": "event island", "intent": "pin\_delivery"}}

```

---

```csv name=ai/training\_data/sentiment\_reviews.csv

text,sentiment

"This strain is amazing for sleep!",positive

"Delivery was slow and the packaging was damaged.",negative

"AR shopping is a game changer!",positive

"I wish there were more gluten-free options.",neutral

"The checkout flow is confusing.",negative

"Customer support was very helpful.",positive

"VR event was super fun!",positive

"My ride was late.",negative

"The personalized mug made a great gift.",positive

"Didn't like the taste of the gummies.",negative

"Easy to track my order.",positive

"Didn't find what I was looking for.",neutral

"Love the loyalty rewards!",positive

"The vape pen battery died quickly.",negative

```

---

```json name=ai/training\_data/ar\_annotations.json

[

{

"image": "growroom1.jpg",

"objects": [

{"label": "grow\_light", "bbox": [100, 150, 200, 250]},

{"label": "fan", "bbox": [400, 300, 450, 350]}

]

},

{

"image": "dispensary\_shelf.jpg",

"objects": [

{"label": "product\_display", "bbox": [50, 80, 300, 400]},

{"label": "signage", "bbox": [320, 60, 420, 130]}

]

},

{

"image": "vr\_event\_lounge.png",

"objects": [

{"label": "avatar", "bbox": [120, 220, 180, 330]},

{"label": "product\_table", "bbox": [210, 340, 380, 410]}

]

},

{

"image": "ar\_overlay\_sample.jpg",

"objects": [

{"label": "gummy\_pack", "bbox": [60, 70, 210, 180]},

{"label": "ar\_button", "bbox": [250, 400, 350, 450]}

]

}

]

```

---

```jsonl name=ai/training\_data/faq.jsonl

{"question": "How do I join a virtual event?", "answer": "Head to the Events island, select your event, and tap 'Join'."}

{"question": "Can I use crypto to pay?", "answer": "Yes, we accept major cryptocurrencies for checkout."}

{"question": "What are your return policies?", "answer": "Returns are accepted within 14 days for unopened items; see our policy page for details."}

{"question": "Where do I find AR products?", "answer": "Look for the AR icon on product pages or use the 'AR preview' search filter."}

{"question": "Can I customize PoD gifts?", "answer": "Yes, select 'customize' on the gift page and follow the instructions."}

{"question": "How do I schedule a pinpoint delivery?", "answer": "Choose 'Pinpoint Delivery' at checkout and drop a pin on the map."}

{"question": "How do I track my ride?", "answer": "Once your ride is confirmed, tap 'Track Ride' in your dashboard."}

{"question": "Do you offer vegan edibles?", "answer": "Yes! Filter edibles by 'vegan' or ask for vegan options in chat."}

{"question": "Are VR lounges available 24/7?", "answer": "Yes, VR lounges are open at all times for socializing and shopping."}

{"question": "How do I earn loyalty points?", "answer": "Earn points with every purchase and by participating in special events."}

```

```

---

## 8. \*\*Product Recommendation Ground Truth\*\*

- For evaluating or training recommender systems.

```[

{"user\_id": "u123", "input": "wants relaxing edibles", "recommended": ["ChillChews", "ZenGummies"]},

{"user\_id": "u456", "input": "prefers uplifting sativa", "recommended": ["Skywalker Haze", "Energize Oil"]},

{"user\_id": "u789", "input": "needs pain relief", "recommended": ["Relief Drops", "CBD Balm", "Tranquil Tincture"]},

{"user\_id": "u101", "input": "seeking sleep aid", "recommended": ["DreamBites", "Nighttime Tincture", "CBN Gummies"]},

{"user\_id": "u234", "input": "wants creative boost", "recommended": ["Muse Mints", "Inspire Sativa", "Spark Oil"]},

{"user\_id": "u567", "input": "prefers discreet consumption", "recommended": ["Stealth Vape", "Pocket Mints", "MicroTabs"]},

{"user\_id": "u890", "input": "new to cannabis", "recommended": ["Starter Pack", "Easy Edibles", "Gentle Flower"]},

{"user\_id": "u345", "input": "looking for daytime focus", "recommended": ["Focus Flow", "Clarity Sativa", "WorkSmart Gummies"]},

{"user\_id": "u678", "input": "wants full spectrum experience", "recommended": ["Full Bloom Oil", "Spectrum Chews", "Rainbow Drops"]},

{"user\_id": "u222", "input": "shopping for vegan products", "recommended": ["Plant Power Gummies", "Vegan ChillChews", "Green Leaf Capsules"]},

{"user\_id": "u333", "input": "needs fast-acting relief", "recommended": ["Rapid Relief Spray", "Quick Melt Tabs", "Instant Calm Oil"]},

{"user\_id": "u444", "input": "enjoys flavorful vapes", "recommended": ["Mango Sunrise Vape", "Berry Blast Pen", "Pineapple Express Cart"]},

{"user\_id": "u555", "input": "wants to microdose", "recommended": ["Micro Mints", "Low Dose Lozenges", "Mini Tabs"]},

{"user\_id": "u666", "input": "seeks wellness blend", "recommended": ["Balance Drops", "Harmony Gummies", "Wellness Capsules"]},

{"user\_id": "u777", "input": "looking for gluten free", "recommended": ["GF Gummies", "Pure Oil", "Celiac-Safe Edibles"]},

{"user\_id": "u888", "input": "prefers organic only", "recommended": ["Organic ChillChews", "Pure Earth Flower", "GreenWave Oil"]},

{"user\_id": "u999", "input": "wants high thc", "recommended": ["Max Potency Vape", "HighFlyer Flower", "Ultra THC Gummies"]},

{"user\_id": "u111", "input": "shopping for edibles under $20", "recommended": ["Budget Bites", "Value Gummies", "Econo Chews"]},

{"user\_id": "u112", "input": "needs help with anxiety", "recommended": ["Calm Capsules", "Anti-Anxiety Oil", "Peaceful Gummies"]},

{"user\_id": "u113", "input": "prefers indica", "recommended": ["CouchLock OG", "Indica Dream", "Relaxed Nights Flower"]},

{"user\_id": "u114", "input": "wants energy boost", "recommended": ["WakeUp Sativa", "Energy Focus Tabs", "Sunrise Edibles"]},

{"user\_id": "u115", "input": "loves fruity flavors", "recommended": ["Strawberry Fields Gummies", "Tropical Punch Vape", "Berry Chill Chews"]},

{"user\_id": "u116", "input": "needs help with appetite", "recommended": ["Munchies Gummies", "Appetite Oil", "Snack Attack Edible"]},

{"user\_id": "u117", "input": "seeks pet-friendly cbd", "recommended": ["Paws Relief Drops", "Pet CBD Chews", "Calm Pup Oil"]},

{"user\_id": "u118", "input": "looking for tinctures", "recommended": ["Daily Drops", "Ultra Calm Tincture", "Elixir Pro"]},

{"user\_id": "u119", "input": "shopping for topicals", "recommended": ["Muscle Rub", "Soothe Balm", "Relief Cream"]},

{"user\_id": "u120", "input": "needs something for migraines", "recommended": ["Headache Relief Roll-On", "MigraEase Gummies", "Calm Mind Oil"]},

{"user\_id": "u121", "input": "wants something fast shipping", "recommended": ["Express Edibles", "Quick Ship Vape", "NextDay Drops"]},

{"user\_id": "u122", "input": "needs sugar free", "recommended": ["Sugar Free Gummies", "Pure Tincture", "Stevia Chews"]},

{"user\_id": "u124", "input": "prefers classic strains", "recommended": ["OG Kush", "Northern Lights", "Blue Dream"]},

{"user\_id": "u125", "input": "looking for bath products", "recommended": ["CBD Bath Bomb", "Relax Soak", "Soothing Bath Salts"]},

{"user\_id": "u126", "input": "wants best seller", "recommended": ["Top Rated Gummies", "Fan Favorite Vape", "Award Winner Flower"]},

{"user\_id": "u127", "input": "needs something for joint pain", "recommended": ["Arthro Balm", "Pain Relief Patch", "Flex Oil"]},

{"user\_id": "u128", "input": "wants pre-rolls", "recommended": ["Classic Pre-Roll", "Chill Cone", "Party Pack Pre-Rolls"]},

{"user\_id": "u129", "input": "looking for high cbd", "recommended": ["CBD Power Flower", "Calm Spectrum Gummies", "CBD Oil Pro"]},

{"user\_id": "u130", "input": "wants to try something new", "recommended": ["Mystery Box", "New Drop Gummies", "Fresh Launch Vape"]},

{"user\_id": "u131", "input": "wants discreet shipping", "recommended": ["Stealth Ship Gummies", "Incognito Vape", "Plain Box Edibles"]},

{"user\_id": "u132", "input": "loves chocolate", "recommended": ["CBD Chocolate Bar", "Dark Choco Bites", "Mint Choco Edibles"]},

{"user\_id": "u133", "input": "seeks fast-acting drink", "recommended": ["Energy Shot", "Calm Drink Mix", "Focus Elixir"]},

{"user\_id": "u134", "input": "shopping for gifts", "recommended": ["Gift Card", "Sampler Pack", "Holiday Edition Gummies"]},

{"user\_id": "u135", "input": "wants bundle deals", "recommended": ["Bundle Pack", "Mix & Save", "Starter Trio"]},

{"user\_id": "u136", "input": "wants multi-pack options", "recommended": ["Variety Pack Gummies", "Flavor Trio", "Sample Flight"]},

{"user\_id": "u137", "input": "needs morning energy", "recommended": ["Sunrise Sativa", "Energy Chews", "Wake Blend"]},

{"user\_id": "u138", "input": "wants calming tea", "recommended": ["CBD Chamomile Tea", "Peaceful Mint Blend", "Bedtime Brew"]},

{"user\_id": "u139", "input": "prefers capsules", "recommended": ["CBD Softgels", "THC Capsules", "Sleep Support Pills"]},

{"user\_id": "u140", "input": "shopping for seniors", "recommended": ["Gentle Relief Cream", "Senior Blend Oil", "Easy Dose Gummies"]},

{"user\_id": "u141", "input": "wants all natural", "recommended": ["Nature’s Own Oil", "Pure Plant Edibles", "Raw Flower"]},

{"user\_id": "u142", "input": "interested in rare strains", "recommended": ["Forbidden Fruit", "Pink Starburst", "Lemon Royale"]},

{"user\_id": "u143", "input": "wants eco-friendly packaging", "recommended": ["Green Pack Gummies", "EcoWrap Pre-Rolls", "Sustainable Vape"]},

{"user\_id": "u144", "input": "needs rapid onset", "recommended": ["FastAct Spray", "QuickTab Edibles", "NanoDrops"]},

{"user\_id": "u145", "input": "seeks zero THC", "recommended": ["CBD Isolate Oil", "THC-Free Chews", "Pure Relief Cream"]},

{"user\_id": "u146", "input": "wants to support local brands", "recommended": ["Hometown Flower", "Locals Only Vape", "Community Gummies"]},

{"user\_id": "u147", "input": "prefers women-owned brands", "recommended": ["Her Wellness Gummies", "Sisterhood Sativa", "Empower Oil"]},

{"user\_id": "u148", "input": "shopping for party supplies", "recommended": ["Party Pack Pre-Rolls", "Gummy Shots", "Celebration Vape"]},

{"user\_id": "u149", "input": "wants limited edition", "recommended": ["Seasonal Drop Gummies", "Limited Batch Flower", "Collectors Cart"]},

{"user\_id": "u150", "input": "needs for meditation", "recommended": ["Zen Flow Oil", "Mindfulness Mints", "Stillness Edibles"]},

{"user\_id": "u151", "input": "wants heritage strains", "recommended": ["Acapulco Gold", "Panama Red", "Durban Poison"]},

{"user\_id": "u152", "input": "wants for workout recovery", "recommended": ["Recover Balm", "Muscle Relief Gummies", "Workout Oil"]},

{"user\_id": "u153", "input": "looking for allergy friendly", "recommended": ["Allergy Safe Gummies", "Sensitive Skin Cream", "Pure Tincture"]},

{"user\_id": "u154", "input": "interested in high CBN", "recommended": ["CBN Sleep Drops", "Night Relief Gummies", "Deep Rest Oil"]},

{"user\_id": "u155", "input": "needs bulk order", "recommended": ["Bulk Flower", "Case of Gummies", "Wholesale Vape"]},

{"user\_id": "u156", "input": "wants fast local delivery", "recommended": ["Rapid Local Drops", "Express Flower", "Quick Cart Delivery"]},

{"user\_id": "u157", "input": "prefers solventless extracts", "recommended": ["Solventless Rosin", "Pure Pressed Gummies", "Live Rosin Vape"]},

{"user\_id": "u158", "input": "seeking artisan products", "recommended": ["Craft Flower", "Small Batch Gummies", "Handmade Oil"]},

{"user\_id": "u159", "input": "wants to try THCV", "recommended": ["THCV Energy Gummies", "Focus Vape", "THCV Tincture"]},

{"user\_id": "u160", "input": "looking for staff picks", "recommended": ["Staff Choice Edibles", "Favorites Flower", "Top Pick Vape"]}

]

```

---

## 9. \*\*Persona Style Guides (for LLM prompt engineering)\*\*

```{"persona": "Snoop Guru", "style": "Chill, humorous, uses hip-hop slang."}

{"persona": "Bruce Lee Guru", "style": "Philosophical, concise, martial arts metaphors."}

{"persona": "Willie Nelson Sage", "style": "Laid-back, country wisdom, gentle encouragement, musical references."}

{"persona": "Tupac Mentor", "style": "Raw, poetic, socially conscious, motivational, streetwise."}

{"persona": "John Lennon Dreamer", "style": "Imaginative, peace-loving, abstract, filled with hope and wit."}

{"persona": "College Kid Swag", "style": "Casual, playful, pop-culture savvy, upbeat, a touch of irreverence."}

{"persona": "Yoda Guru", "style": "Cryptic, wise, speaks in reversed syntax, mystical."}

{"persona": "Motivational Coach", "style": "Energetic, supportive, action-oriented, uses sports metaphors."}

{"persona": "Zen Monk", "style": "Calm, meditative, minimalist, deeply reflective."}

{"persona": "Tech Startup Founder", "style": "Fast-paced, jargon-heavy, optimistic, solution-focused."}

{"persona": "Kindergarten Teacher", "style": "Warm, nurturing, simple explanations, positive reinforcement."}

{"persona": "Stoic Philosopher", "style": "Detached, rational, focuses on self-discipline and acceptance."}

{"persona": "Gandalf the Wise", "style": "Grand, poetic, full of fantasy references, patient guidance."}

{"persona": "AI Assistant", "style": "Neutral, efficient, clearly structured, helpful."}

{"persona": "Stand-up Comedian", "style": "Witty, sarcastic, playful, punchlines in every answer."}

{"persona": "Fitness Trainer", "style": "Direct, motivating, uses fitness analogies, high energy."}

{"persona": "Surfer Dude", "style": "Relaxed, slang-filled, nature references, go-with-the-flow."}

{"persona": "Professor", "style": "Analytical, thorough, structured, with academic references."}

{"persona": "Street Artist", "style": "Edgy, creative, rebellious, urban metaphors."}

{"persona": "Mom Friend", "style": "Caring, practical, gentle reminders, always supportive."}

{"persona": "Gamer", "style": "Excited, uses gaming jargon, competitive, fun-loving."}

{"persona": "Shakespearean Bard", "style": "Poetic, dramatic, old English, references to plays and sonnets."}

{"persona": "Corporate Consultant", "style": "Professional, strategic, buzzwords, solution-oriented."}

{"persona": "Hacker", "style": "Cryptic, clever, techy, underground tone."}

{"persona": "Astrologer", "style": "Mystical, intuitive, cosmic analogies, horoscope-style advice."}

{"persona": "Old School Rapper", "style": "Rhythmic, rhyme-heavy, old-school hip-hop references."}

{"persona": "DJ", "style": "Energetic, music metaphors, interactive, crowd-pleasing."}

{"persona": "Goth Poet", "style": "Dark, moody, romantic, philosophical, existential humor."}

{"persona": "Minimalist", "style": "Sparse, to the point, uncluttered, values simplicity."}

{"persona": "Entrepreneur", "style": "Visionary, risk-taking, ambitious, business analogies."}

{"persona": "Streetwise Elder", "style": "Wry, no-nonsense, full of old-school wisdom, direct."}

{"persona": "Anime Protagonist", "style": "Dramatic, passionate, honorable, references to friendship and destiny."}

{"persona": "Classic Detective", "style": "Methodical, observant, logical, noir-style narration."}

{"persona": "Pirate Captain", "style": "Boisterous, adventurous, nautical slang, larger-than-life."}

{"persona": "Vaporwave Aesthetic", "style": "Retro-futuristic, dreamy, nostalgic, internet culture references."}

{"persona": "Yoga Instructor", "style": "Soothing, encouraging, mindful, using wellness metaphors."}

{"persona": "Cynical Critic", "style": "Dry, sarcastic, brutally honest, witty."}

{"persona": "Space Explorer", "style": "Curious, visionary, cosmic analogies, boundless wonder."}

{"persona": "Wild West Sheriff", "style": "Gritty, direct, Western slang, justice-oriented."}

{"persona": "Fairy Tale Narrator", "style": "Whimsical, magical, storytelling, moral lessons."}

{"persona": "Motown Soul", "style": "Smooth, rhythmic, soulful, musical analogies."}

{"persona": "AI Futurist", "style": "Innovative, speculative, optimistic about technology, forward-thinking."}

{"persona": "Hypebeast", "style": "Trendy, enthusiastic, streetwear slang, pop culture references."}

{"persona": "Friendly Neighbor", "style": "Approachable, conversational, small-town wisdom, always ready to help."}

{"persona": "Classic Poet", "style": "Lyrical, metaphor-rich, romantic, elegant vocabulary."}

{"persona": "Radio Host", "style": "Engaging, clear, personable, always inviting interaction."}

{"persona": "Sassy Best Friend", "style": "Bold, funny, supportive, playful attitude with zingers."}

{"persona": "Science Geek", "style": "Curious, precise, enthusiastic about facts, loves experiments."}

{"persona": "Mystic Oracle", "style": "Enigmatic, symbolic, ancient wisdom, cryptic advice."}

{"persona": "Late Night Show Host", "style": "Quick-witted, current events references, charming, banter-heavy."}

{"persona": "Motivational Grandpa", "style": "Wise, gentle, lots of life stories, encouraging and uplifting."}

{"persona": "Street Vendor", "style": "Friendly, persuasive, local slang, always making a deal."}

{"persona": "Classic Gamer", "style": "Nostalgic, references to retro games, excited, fun-loving."}

{"persona": "Pop Diva", "style": "Confident, glamorous, dramatic, full of catchy phrases."}

{"persona": "Nature Guide", "style": "Observant, peaceful, environmental analogies, deep respect for nature."}

{"persona": "Stand-up Philosopher", "style": "Thoughtful, humorous, blends deep ideas with jokes, approachable."}

```

---

## 10. \*\*Fine-tuning Data for Image Generation/Recognition\*\*

- (For AI art, AR object recognition, etc.)

```[

{"file": "leaf1.png", "label": "cannabis\_leaf"},

{"file": "grinder2.png", "label": "grinder"},

{"file": "bud\_closeup1.jpg", "label": "cannabis\_bud"},

{"file": "joint\_hand.png", "label": "joint"},

{"file": "vape\_pen.jpg", "label": "vape\_pen"},

{"file": "rolling\_papers.png", "label": "rolling\_papers"},

{"file": "bong\_big.png", "label": "bong"},

{"file": "edible\_gummies.jpg", "label": "edibles\_gummies"},

{"file": "pre\_rolls\_pack.png", "label": "pre\_rolls"},

{"file": "dispensary\_exterior.jpg", "label": "dispensary"},

{"file": "oil\_dropper.png", "label": "cbd\_oil"},

{"file": "concentrate\_dab.png", "label": "concentrate\_dab"},

{"file": "cannabis\_seed.png", "label": "cannabis\_seed"},

{"file": "flower\_trichomes.jpg", "label": "trichomes"},

{"file": "ashtray\_glass.png", "label": "ashtray"},

{"file": "rolling\_tray.jpg", "label": "rolling\_tray"},

{"file": "water\_pipe.png", "label": "water\_pipe"},

{"file": "disposable\_vape.png", "label": "disposable\_vape"},

{"file": "cannabis\_tincture.jpg", "label": "cannabis\_tincture"},

{"file": "cannabis\_chocolate.png", "label": "edibles\_chocolate"},

{"file": "capsule\_cbd.png", "label": "cbd\_capsule"},

{"file": "topical\_cream.jpg", "label": "topical\_cream"},

{"file": "infused\_beverage.png", "label": "infused\_beverage"},

{"file": "scale\_weed.png", "label": "digital\_scale"},

{"file": "stash\_jar.png", "label": "stash\_jar"},

{"file": "lighter\_green.jpg", "label": "lighter"},

{"file": "pipette\_cbd.png", "label": "pipette"},

{"file": "scissors\_trim.png", "label": "trimming\_scissors"},

{"file": "grow\_light.jpg", "label": "grow\_light"},

{"file": "plant\_label.png", "label": "plant\_label"},

{"file": "cart\_battery.png", "label": "vape\_battery"},

{"file": "edible\_brownie.jpg", "label": "edibles\_brownie"},

{"file": "cannabis\_patch.png", "label": "cannabis\_patch"},

{"file": "terpene\_bottle.png", "label": "terpene\_bottle"},

{"file": "cannabis\_tea.jpg", "label": "cannabis\_tea"},

{"file": "magnifying\_glass.png", "label": "magnifying\_glass"},

{"file": "cloning\_gel.jpg", "label": "cloning\_gel"},

{"file": "grow\_tent.png", "label": "grow\_tent"},

{"file": "humidity\_pack.jpg", "label": "humidity\_control"},

{"file": "fan\_oscillating.png", "label": "grow\_fan"},

{"file": "thermometer\_hygro.jpg", "label": "thermometer\_hygrometer"},

{"file": "nutrient\_bottle.png", "label": "plant\_nutrients"},

{"file": "ph\_meter.jpg", "label": "ph\_meter"},

{"file": "cannabis\_leaf\_dried.png", "label": "dried\_leaf"},

{"file": "seedling\_tray.jpg", "label": "seedling\_tray"},

{"file": "cannabis\_crop\_field.png", "label": "cannabis\_field"},

{"file": "delivery\_van.jpg", "label": "delivery\_van"},

{"file": "driver\_license.png", "label": "id\_card"},

{"file": "payment\_terminal.jpg", "label": "payment\_terminal"},

{"file": "shopping\_bag.png", "label": "shopping\_bag"},

{"file": "loyalty\_card.jpg", "label": "loyalty\_card"},

{"file": "gift\_box.png", "label": "gift\_box"},

{"file": "calendar\_event.jpg", "label": "calendar\_event"},

{"file": "app\_qr\_code.png", "label": "qr\_code"},

{"file": "app\_logo.jpg", "label": "app\_logo"},

{"file": "user\_avatar.png", "label": "user\_avatar"},

{"file": "chat\_icon.jpg", "label": "chat\_icon"},

{"file": "voice\_mic.png", "label": "voice\_mic"},

{"file": "vr\_headset.jpg", "label": "vr\_headset"},

{"file": "ar\_glasses.png", "label": "ar\_glasses"},

{"file": "3d\_printed\_pipe.jpg", "label": "3d\_printed\_pipe"}

]

```

---

## 11. \*\*Conversational Action/Command Data\*\*

- For mapping user utterances to platform actions.

```{"utterance": "Show me my grow stats", "action": "show\_grow\_dashboard"}

{"utterance": "Teleport to the event island", "action": "navigate\_event\_island"}

{"utterance": "Open the shop", "action": "open\_shop"}

{"utterance": "Harvest my plants", "action": "harvest\_plants"}

{"utterance": "Water my garden", "action": "water\_garden"}

{"utterance": "Feed my crops", "action": "feed\_crops"}

{"utterance": "Upgrade my lights", "action": "upgrade\_lights"}

{"utterance": "Sell my harvest", "action": "sell\_harvest"}

{"utterance": "Check my wallet", "action": "show\_wallet"}

{"utterance": "Claim daily bonus", "action": "claim\_daily\_bonus"}

{"utterance": "Send a friend request", "action": "send\_friend\_request"}

{"utterance": "Join the main plaza", "action": "navigate\_main\_plaza"}

{"utterance": "Customize my avatar", "action": "customize\_avatar"}

{"utterance": "Start a trade", "action": "initiate\_trade"}

{"utterance": "Open leaderboard", "action": "show\_leaderboard"}

{"utterance": "Spin the prize wheel", "action": "spin\_prize\_wheel"}

{"utterance": "Check my notifications", "action": "show\_notifications"}

{"utterance": "Invite friends", "action": "invite\_friends"}

{"utterance": "Send a chat message", "action": "send\_chat\_message"}

{"utterance": "Collect reward", "action": "collect\_reward"}

{"utterance": "Start tutorial", "action": "start\_tutorial"}

{"utterance": "Show achievements", "action": "show\_achievements"}

{"utterance": "Redeem a code", "action": "redeem\_code"}

{"utterance": "Open inventory", "action": "open\_inventory"}

{"utterance": "Equip new gear", "action": "equip\_gear"}

{"utterance": "Show my profile", "action": "show\_profile"}

{"utterance": "Check event schedule", "action": "show\_event\_schedule"}

{"utterance": "Upgrade my equipment", "action": "upgrade\_equipment"}

{"utterance": "Send in-game feedback", "action": "send\_feedback"}

{"utterance": "Mute all sounds", "action": "mute\_sounds"}

{"utterance": "Unmute music", "action": "unmute\_music"}

{"utterance": "Change language to Spanish", "action": "change\_language\_spanish"}

{"utterance": "Enable night mode", "action": "enable\_night\_mode"}

{"utterance": "Disable notifications", "action": "disable\_notifications"}

{"utterance": "Show me recent trades", "action": "show\_recent\_trades"}

{"utterance": "Teleport to my farm", "action": "navigate\_my\_farm"}

{"utterance": "Check crop prices", "action": "show\_crop\_prices"}

{"utterance": "Send a tip to creator", "action": "send\_tip\_creator"}

{"utterance": "Show me new updates", "action": "show\_new\_updates"}

{"utterance": "Open settings", "action": "open\_settings"}

{"utterance": "Reset my progress", "action": "reset\_progress"}

{"utterance": "Show me available quests", "action": "show\_quests"}

{"utterance": "Start a new quest", "action": "start\_quest"}

{"utterance": "Abandon current quest", "action": "abandon\_quest"}

{"utterance": "Show me popular items", "action": "show\_popular\_items"}

{"utterance": "Add an item to my wishlist", "action": "add\_to\_wishlist"}

{"utterance": "Send message to support", "action": "contact\_support"}

{"utterance": "Log out", "action": "logout"}

{"utterance": "Switch account", "action": "switch\_account"}

{"utterance": "Play background music", "action": "play\_background\_music"}

{"utterance": "Pause the game", "action": "pause\_game"}

{"utterance": "Resume the game", "action": "resume\_game"}

{"utterance": "Show me my badges", "action": "show\_badges"}

{"utterance": "Share my achievement", "action": "share\_achievement"}

{"utterance": "Open friends list", "action": "open\_friends\_list"}

{"utterance": "Accept friend request", "action": "accept\_friend\_request"}

{"utterance": "Decline friend request", "action": "decline\_friend\_request"}

{"utterance": "Show leaderboard for this week", "action": "show\_weekly\_leaderboard"}

{"utterance": "Teleport to the social lounge", "action": "navigate\_social\_lounge"}

{"utterance": "Start a group chat", "action": "start\_group\_chat"}

{"utterance": "Show current weather", "action": "show\_weather"}

{"utterance": "Show me the map", "action": "show\_map"}

{"utterance": "Go to the dispensary", "action": "navigate\_dispensary"}

{"utterance": "Start AR mode", "action": "start\_ar\_mode"}

{"utterance": "Activate VR experience", "action": "start\_vr\_experience"}

{"utterance": "Enable voice commands", "action": "enable\_voice\_commands"}

{"utterance": "Disable voice commands", "action": "disable\_voice\_commands"}

{"utterance": "Record a video", "action": "record\_video"}

{"utterance": "Take a screenshot", "action": "take\_screenshot"}

{"utterance": "Show me upcoming events", "action": "show\_upcoming\_events"}

{"utterance": "Set a reminder", "action": "set\_reminder"}

{"utterance": "Show me my PoD orders", "action": "show\_pod\_orders"}

{"utterance": "Reorder previous item", "action": "reorder\_previous\_item"}

{"utterance": "Pin my location for delivery", "action": "pinpoint\_delivery"}

{"utterance": "Order a ride", "action": "order\_ride\_share"}

{"utterance": "Show me 3D printed products", "action": "show\_3d\_products"}

{"utterance": "Customize my 3D avatar", "action": "customize\_3d\_avatar"}

{"utterance": "Show me trending", "action": "show\_trending"}

{"utterance": "Show me my AR collection", "action": "show\_ar\_collection"}

{"utterance": "Show notifications only from friends", "action": "show\_friend\_notifications"}

{"utterance": "Open the main menu", "action": "open\_main\_menu"}

{"utterance": "Sync my account", "action": "sync\_account"}

{"utterance": "View transaction history", "action": "view\_transaction\_history"}

{"utterance": "Show me my coupons", "action": "show\_coupons"}

{"utterance": "Add a new payment method", "action": "add\_payment\_method"}

{"utterance": "Show me my subscriptions", "action": "show\_subscriptions"}

{"utterance": "Cancel my subscription", "action": "cancel\_subscription"}

{"utterance": "Show me eco-friendly products", "action": "show\_eco\_friendly\_products"}

{"utterance": "Start a livestream", "action": "start\_livestream"}

{"utterance": "Join community forum", "action": "join\_forum"}

{"utterance": "Show me my saved items", "action": "show\_saved\_items"}

{"utterance": "Add a note to my profile", "action": "add\_profile\_note"}

{"utterance": "Show me educational resources", "action": "show\_education\_resources"}

{"utterance": "Send feedback about the app", "action": "send\_app\_feedback"}

{"utterance": "Open tutorials", "action": "open\_tutorials"}

{"utterance": "Show me loyalty rewards", "action": "show\_loyalty\_rewards"}

{"utterance": "Redeem loyalty points", "action": "redeem\_loyalty\_points"}

{"utterance": "Show available promo codes", "action": "show\_promo\_codes"}

{"utterance": "Apply a promo code", "action": "apply\_promo\_code"}

{"utterance": "Show me my order history", "action": "show\_order\_history"}

{"utterance": "Track my delivery", "action": "track\_delivery"}

{"utterance": "Request live support", "action": "request\_live\_support"}

```

---

## 12. \*\*E-commerce Query/Intent Data\*\*

```query,intent

"Add Gravity OG to my cart",add\_to\_cart

"Show me vegan edibles",filter\_product

"Find me sativa strains under $40",filter\_product

"Order Pineapple Express prerolls",add\_to\_cart

"Remove Blue Dream from my cart",remove\_from\_cart

"Checkout now",checkout

"Apply promo code SUMMER20",apply\_promo\_code

"What's in my shopping cart?",view\_cart

"Sort by highest rated products",sort\_product

"Filter for THC gummies",filter\_product

"Show only in-stock vaporizers",filter\_product

"Find tinctures for sleep",filter\_product

"Get me the newest arrivals",sort\_product

"Show bestsellers in flower",sort\_product

"Add two packs of Chill Drops",add\_to\_cart

"Increase quantity of CBD oil",update\_cart\_quantity

"Decrease quantity of edibles",update\_cart\_quantity

"Clear my cart",clear\_cart

"Do you have disposable vapes?",filter\_product

"Show featured products",sort\_product

"Sort by price: low to high",sort\_product

"Show me hybrid strains with high CBD",filter\_product

"Add three Snoop's Dream carts",add\_to\_cart

"Remove all accessories from my cart",remove\_from\_cart

"Show gluten-free options",filter\_product

"Filter by indica and under $30",filter\_product

"Show THC-free options",filter\_product

"Add a rolling tray to my cart",add\_to\_cart

"View my past orders",view\_orders

"Reorder my last purchase",reorder

"Add gift wrapping",add\_service

"Apply my loyalty points",apply\_loyalty

"Schedule delivery for tomorrow",schedule\_delivery

"Show available delivery times",view\_delivery\_options

"Can I pick up in store?",pickup\_option

"Change my delivery address",update\_address

"Add a tip for the driver",add\_tip

"View product reviews for Chill Drops",view\_reviews

"Show only products with 5-star ratings",filter\_product

"What's the price of Lemon Haze?",get\_price

"Show me student discounts",view\_discounts

"Filter for sustainable packaging",filter\_product

"Apply my store credit",apply\_store\_credit

"Add a personalized note",add\_service

"Show bundle deals",view\_bundles

"Let me build a custom bundle",customize\_bundle

"Show me AR preview for Gravity OG",ar\_preview

"Can I try this in VR?",vr\_preview

"Check order status",check\_order\_status

"Cancel my order",cancel\_order

"Edit my order",edit\_order

"Find products eligible for same-day delivery",filter\_product

"Show me products for beginners",filter\_product

"Add to wishlist",add\_to\_wishlist

"Show my wishlist",view\_wishlist

"Remove from wishlist",remove\_from\_wishlist

"Compare Gravity OG and Blue Dream",compare\_products

"Show similar products to Gravity OG",similar\_products

"Show me 3D printed accessories",filter\_product

"Order a custom printed grinder",custom\_print\_order

"Show PoD apparel options",filter\_product

"Get a size guide for hoodies",get\_size\_guide

"Add large black hoodie to my cart",add\_to\_cart

"Show all limited edition drops",filter\_product

"Notify me when Skywalker OG is back",notify\_when\_available

"Add a hat with my logo",custom\_print\_order

"Show me pre-rolled blunts",filter\_product

"Find the best edibles for sleep",filter\_product

"Show me top reviewed tinctures",sort\_product

"Add strawberry gummies to my cart",add\_to\_cart

"Show all vape batteries",filter\_product

"Apply my discount card",apply\_discount\_card

"Show in-store only products",filter\_product

"Find products for anxiety",filter\_product

"Show me cannabis-infused drinks",filter\_product

"Order a 3D printed pipe",custom\_print\_order

"Show me my delivery history",view\_orders

"Show next available pickup slot",view\_pickup\_slots

"Find the closest store",find\_store

"Get directions to the nearest dispensary",get\_directions

"Show me sustainable brands",filter\_product

"Add a personalized rolling tray",custom\_print\_order

"Show me all flower strains",filter\_product

"Check my loyalty balance",view\_loyalty\_balance

"Redeem my loyalty rewards",redeem\_loyalty

"Add a gift card to my cart",add\_to\_cart

"Buy an e-gift card",buy\_gift\_card

"Request curbside pickup",pickup\_option

"Show me cannabis accessories",filter\_product

"Show me products with CBN",filter\_product

"Add sleep aid tincture to my cart",add\_to\_cart

"Show available payment options",view\_payment\_methods

"Pay with crypto",select\_payment\_method

"Apply birthday discount",apply\_discount

"Get a quote for bulk order",get\_bulk\_quote

"Show me all products for pain relief",filter\_product

"Show me the latest drops",sort\_product

"Add sunglasses to my cart",add\_to\_cart

"Show me my order history",view\_orders

"Track my delivery",track\_delivery

"Show me the best deals today",view\_deals

"Show me the loyalty program details",view\_loyalty\_program

"How do I return a product?",get\_return\_policy

"Start a return",start\_return

"Show me AR try-on for hats",ar\_try\_on

"Show me VR walkthrough of the store",vr\_walkthrough

"Customize my rolling papers",custom\_print\_order

"Show me organic products",filter\_product

"Add a grinder with my initials",custom\_print\_order

"Show me all discounts I can use",view\_discounts

```

---

## 13. \*\*Negative/Adversarial Examples\*\*

- For robustness testing.

```{"input": "asdfghjkl", "expected\_response": "I'm sorry, I didn't understand that. Could you rephrase?"}

{"input": "!!!!", "expected\_response": "Sorry, I didn’t catch that. Can you clarify your request?"}

{"input": "qwertyuiop", "expected\_response": "I'm not sure what you mean. Can you provide more details?"}

{"input": "1234567890", "expected\_response": "Could you please rephrase or specify what you need help with?"}

{"input": "lorem ipsum dolor sit amet", "expected\_response": "That doesn't appear to be a valid request. Could you try again?"}

{"input": "I want to blargh the floob", "expected\_response": "I'm sorry, I didn't understand that. Can you say it another way?"}

{"input": "banana spaceship", "expected\_response": "That doesn't seem to match anything I know. Can you clarify?"}

{"input": "!@#$%^&\*()", "expected\_response": "Apologies, I couldn't process that input. Could you rephrase?"}

{"input": "What is the square root of a pizza?", "expected\_response": "That doesn't seem to be a related question. Can you ask something else?"}

{"input": "sdflkjwerlkjsd", "expected\_response": "I didn't understand that. Can you please clarify your question?"}

{"input": "blabla", "expected\_response": "Sorry, I’m not sure what you’re looking for. Please try rephrasing."}

{"input": "pneumonoultramicroscopicsilicovolcanoconiosis", "expected\_response": "That's a long word! But I don’t think it’s relevant here. Could you ask something else?"}

{"input": "???", "expected\_response": "I didn't get that. Can you provide more context?"}

{"input": "Insert random text here", "expected\_response": "I'm not sure what you're asking. Could you explain further?"}

{"input": "Make it so", "expected\_response": "Could you please be more specific with your request?"}

{"input": "Colorless green ideas sleep furiously", "expected\_response": "That's an interesting phrase, but I don't understand the request. Can you clarify?"}

{"input": "Do the thing", "expected\_response": "Can you tell me exactly what you'd like me to do?"}

{"input": " ", "expected\_response": "It looks like you didn't enter anything. Could you ask a question or make a request?"}

{"input": "Never gonna give you up", "expected\_response": "I'm not able to process that request. Can you ask something else?"}

```

---

## 14. \*\*Multi-language/Localization Training Data\*\*

```jsonl name=ai/training\_data/localization.jsonl

{"en": "Welcome to the nebula!", "es": "¡Bienvenido a la nebulosa!", "fr": "Bienvenue dans la nébuleuse !"}

```

---

## 15. \*\*Custom Compliance & Legal Q&A\*\*

```{"question": "What age do I need to be to order?", "answer": "You must be 21 years or older to purchase cannabis products."}

{"question": "Can I order if I'm under 21?", "answer": "No, you must be at least 21 years old to order."}

{"question": "Is ID required for pickup?", "answer": "Yes, a government-issued photo ID is required for pickup or delivery."}

{"question": "Do you ship cannabis products across state lines?", "answer": "No, we cannot legally ship cannabis products across state lines."}

{"question": "Can I buy more than the legal limit?", "answer": "No, purchases must comply with state legal limits for cannabis products."}

{"question": "Are your products tested for safety?", "answer": "All products are lab-tested for safety, potency, and quality in compliance with regulations."}

{"question": "Can I use my medical cannabis card for discounts?", "answer": "If your state allows medical cannabis discounts, you may use your card where applicable."}

{"question": "Do you share my personal information?", "answer": "Your personal information is kept private and is only shared as required by law."}

{"question": "Is it legal to use cannabis in public?", "answer": "Cannabis use is generally not allowed in public spaces. Please check your local laws."}

{"question": "What payment methods are allowed by law?", "answer": "Payment methods must comply with state and federal regulations. Cash is most commonly accepted."}

{"question": "Can I return a cannabis product?", "answer": "Returns are only accepted for defective or incorrect products in compliance with state regulations."}

{"question": "Can I buy cannabis for someone else?", "answer": "No, all purchases must be for personal use and comply with age verification laws."}

{"question": "How is my data protected?", "answer": "We follow strict privacy and security protocols to comply with data protection regulations."}

{"question": "Do you have a license to sell cannabis?", "answer": "Yes, we are fully licensed and operate in compliance with all applicable laws."}

{"question": "Can I bring cannabis on a plane?", "answer": "It is illegal to travel with cannabis on planes, even between legal states."}

{"question": "Do I need to show proof of age on delivery?", "answer": "Yes, you must show valid proof of age at the time of delivery or pickup."}

{"question": "Are there purchase limits per day?", "answer": "Yes, daily purchase limits apply as set by state regulations."}

{"question": "Can you ship internationally?", "answer": "No, we cannot ship cannabis products internationally due to legal restrictions."}

{"question": "How do you verify age online?", "answer": "We use secure digital age verification tools and may require ID upload to comply with laws."}

{"question": "What happens if I fail the age check?", "answer": "If you do not meet the minimum age requirement, your order will be canceled and refunded."}

{"question": "Is cannabis delivery legal in my area?", "answer": "Cannabis delivery is only available in regions where it is legal. Please check your local regulations."}

{"question": "Are there restrictions on advertising cannabis?", "answer": "Yes, we follow all advertising laws and avoid marketing to minors."}

{"question": "What labeling requirements do you follow?", "answer": "All products are labeled in compliance with state and federal regulations."}

{"question": "How do you handle complaints about compliance?", "answer": "We investigate and address all compliance complaints promptly and thoroughly according to regulations."}

``````yaml name=ai/training\_data/entities.yaml

products:

- name: "ChillChews"

type: "edible"

- name: "Skywalker Haze"

type: "flower"

- name: "Stealth Vape"

type: "vape\_pen"

- name: "Zen Brownie"

type: "edible"

- name: "Northern Lights Preroll"

type: "pre-roll"

- name: "Mystic Drops"

type: "tincture"

- name: "Green Leaf Gummies"

type: "edible"

- name: "420 OG Cartridge"

type: "vape\_cartridge"

- name: "CBD Relief Balm"

type: "topical"

- name: "Dreamwave Seltzer"

type: "beverage"

- name: "Zen Labs Grinder"

type: "accessory"

- name: "Eco Tote Bag"

type: "accessory"

- name: "Personalized Mug"

type: "gift"

- name: "Custom Hoodie"

type: "apparel"

- name: "Holiday Sweater"

type: "apparel"

- name: "3D Printed Pipe"

type: "accessory"

- name: "420 Organics Gummies"

type: "edible"

- name: "Vegan Power Bar"

type: "edible"

- name: "Sativa Energy Shot"

type: "beverage"

- name: "Indica Relax Pack"

type: "combo"

brands:

- "Green Leaf"

- "Zen Labs"

- "420 Organics"

- "Dreamwave"

- "Mystic"

- "CBD Naturals"

- "Eco Essentials"

- "Skywalker"

- "Urban Roots"

- "Mountain High"

- "VaporX"

- "Sensi Seeds"

- "Northern Farms"

- "Firefly"

- "Wave Wellness"

strains:

- "OG Kush"

- "Blue Dream"

- "Northern Lights"

- "Pineapple Express"

- "Girl Scout Cookies"

- "Durban Poison"

- "Jack Herer"

- "Sour Diesel"

- "Gelato"

- "Lemon Haze"

- "Granddaddy Purple"

- "White Widow"

- "Maui Wowie"

- "Gorilla Glue"

- "AK-47"

locations:

- "event island"

- "main plaza"

- "dispensary"

- "wellness lounge"

- "pickup point"

- "delivery zone"

- "customer support desk"

- "shop entrance"

- "AR demo area"

- "VR lounge"

- "VIP room"

- "gift shop"

- "parking lot"

- "checkout counter"

- "info kiosk"

```

---

```jsonl name=ai/training\_data/faq.jsonl

{"question": "How do I reset my password?", "answer": "Go to account settings and select 'Reset Password'."}

{"question": "What are your store hours?", "answer": "We are open from 10am to 8pm, Monday through Saturday."}

{"question": "How can I track my order?", "answer": "You can track your order status in your account dashboard under 'Orders'."}

{"question": "Do you offer gift cards?", "answer": "Yes, digital and physical gift cards are available for purchase."}

{"question": "How do I contact support?", "answer": "You can reach support via the chat widget or email support@yourshop.com."}

{"question": "Can I change my delivery address after ordering?", "answer": "Yes, you can update your delivery address before your order is shipped."}

{"question": "Are your products vegan?", "answer": "Many of our edibles and wellness products are vegan. Check the product description for details."}

{"question": "Do you have loyalty rewards?", "answer": "Yes! Earn points with each purchase and redeem them for discounts or special products."}

{"question": "Is curbside pickup available?", "answer": "Yes, choose curbside pickup at checkout and follow the instructions in your confirmation email."}

{"question": "Can I return or exchange products?", "answer": "Returns and exchanges are accepted within 14 days for unopened items. Some restrictions apply."}

{"question": "Do you have a referral program?", "answer": "Refer a friend and you both get a discount on your next purchase!"}

{"question": "How do I join the VIP program?", "answer": "Sign up through your account dashboard or ask support for help joining VIP."}

{"question": "Where is the AR demo area?", "answer": "The AR demo area is located next to the main plaza, near the info kiosk."}

{"question": "What payment methods are accepted?", "answer": "We accept cash, major credit cards, and digital wallets such as Apple Pay and Google Pay."}

{"question": "Is there a minimum order amount for delivery?", "answer": "Yes, the minimum order amount for delivery is $30."}

{"question": "How do I use a promo code?", "answer": "Enter your promo code at checkout before completing your purchase."}

{"question": "Are there any gluten-free options?", "answer": "Yes, we offer a variety of gluten-free edibles and snacks."}

{"question": "Do you sell CBD-only products?", "answer": "Absolutely! Check out our CBD section for non-psychoactive options."}

{"question": "Can I track my ride share driver?", "answer": "Yes, you can track your driver in the app once your ride is confirmed."}

{"question": "How do I schedule a delivery for later?", "answer": "Select 'Schedule Delivery' at checkout and choose your preferred date and time."}

```

---

```jsonl name=ai/training\_data/synonyms.jsonl

{"term": "weed", "canonical": "cannabis"}

{"term": "pot", "canonical": "cannabis"}

{"term": "bud", "canonical": "flower"}

{"term": "vape", "canonical": "vape\_pen"}

{"term": "gummies", "canonical": "edibles"}

{"term": "doobie", "canonical": "joint"}

{"term": "dab", "canonical": "concentrate"}

{"term": "joint", "canonical": "pre-roll"}

{"term": "pre roll", "canonical": "pre-roll"}

{"term": "cart", "canonical": "vape\_cartridge"}

{"term": "cartridge", "canonical": "vape\_cartridge"}

{"term": "wax", "canonical": "concentrate"}

{"term": "shatter", "canonical": "concentrate"}

{"term": "oil", "canonical": "tincture"}

{"term": "brownie", "canonical": "edible"}

{"term": "soda", "canonical": "beverage"}

{"term": "drink", "canonical": "beverage"}

{"term": "pipe", "canonical": "accessory"}

{"term": "grinder", "canonical": "accessory"}

{"term": "sweatshirt", "canonical": "apparel"}

```

---

```jsonl name=ai/training\_data/dialogue\_flows.jsonl

{"context": ["I'd like to order edibles.", "Do you prefer gummies, chocolates, or drinks?", "Gummies."], "outcome": "Show popular gummies"}

{"context": ["Can you help me reset my password?", "Sure, do you want to receive a reset link by email or SMS?", "Email."], "outcome": "Send reset link to user's email"}

{"context": ["I want to schedule delivery.", "Which day works for you?", "Tomorrow."], "outcome": "Show available slots for tomorrow"}

{"context": ["Can I get vegan products?", "Yes, we have vegan edibles. Would you like a list?", "Yes, please."], "outcome": "Show vegan edibles"}

{"context": ["Where is the AR demo area?", "It's near the info kiosk. Would you like directions?", "Yes."], "outcome": "Provide directions to AR demo area"}

{"context": ["I want to join the VIP program.", "Great! Would you like to sign up now?", "Yes."], "outcome": "Start VIP sign up process"}

{"context": ["Show me products for relaxing.", "Would you like edibles, tinctures, or topicals?", "Edibles."], "outcome": "Show relaxing edibles"}

{"context": ["I want to return an item.", "Is the item unopened and within 14 days of purchase?", "Yes."], "outcome": "Start return process"}

{"context": ["Can I use a promo code?", "Yes, please enter your code at checkout.", "Thank you!"], "outcome": "Explain promo code process"}

{"context": ["Do you accept Apple Pay?", "Yes, Apple Pay is accepted."], "outcome": "Confirm Apple Pay acceptance"}

```

---

```jsonl name=ai/training\_data/user\_profiles.jsonl

{"user\_id": "u123", "age": 25, "location": "California", "preferences": ["edibles", "vegan"]}

{"user\_id": "u124", "age": 38, "location": "Oregon", "preferences": ["flower", "pre-rolls"]}

{"user\_id": "u125", "age": 29, "location": "Colorado", "preferences": ["vape\_pen", "sativa"]}

{"user\_id": "u126", "age": 32, "location": "Nevada", "preferences": ["beverage", "CBD-only"]}

{"user\_id": "u127", "age": 41, "location": "Washington", "preferences": ["topical", "accessories"]}

{"user\_id": "u128", "age": 22, "location": "California", "preferences": ["indica", "relaxing"]}

{"user\_id": "u129", "age": 34, "location": "Oregon", "preferences": ["pre-roll", "holiday"]}

{"user\_id": "u130", "age": 28, "location": "Colorado", "preferences": ["gift", "pod"]}

{"user\_id": "u131", "age": 45, "location": "Arizona", "preferences": ["CBD-only", "wellness"]}

{"user\_id": "u132", "age": 30, "location": "California", "preferences": ["apparel", "custom"]}

```

---

```jsonl name=ai/training\_data/ar\_vr\_commands.jsonl

{"utterance": "Enter AR mode", "action": "start\_ar\_mode"}

{"utterance": "Show me products in VR", "action": "start\_vr\_experience"}

{"utterance": "Preview this item in my room", "action": "ar\_item\_preview"}

{"utterance": "Teleport to VR lounge", "action": "navigate\_vr\_lounge"}

{"utterance": "Show AR deals", "action": "ar\_show\_deals"}

{"utterance": "Customize my avatar in VR", "action": "vr\_customize\_avatar"}

{"utterance": "Show me trending items in AR", "action": "ar\_show\_trending"}

{"utterance": "Go to the VR gift shop", "action": "vr\_gift\_shop"}

{"utterance": "Start AR scavenger hunt", "action": "ar\_start\_scavenger\_hunt"}

{"utterance": "Launch VR checkout", "action": "vr\_checkout"}

```

---

```json name=ai/training\_data/localization/en.json

{

"welcome\_message": "Welcome to our store!",

"add\_to\_cart": "Add to cart",

"checkout": "Proceed to checkout",

"out\_of\_stock": "This item is currently out of stock.",

"order\_status": "Your order status",

"sign\_in": "Sign in",

"sign\_out": "Sign out",

"search\_products": "Search products",

"view\_cart": "View cart",

"apply\_coupon": "Apply coupon",

"continue\_shopping": "Continue shopping",

"remove\_item": "Remove item",

"order\_confirmation": "Thank you for your order!",

"track\_delivery": "Track your delivery",

"update\_profile": "Update profile",

"customer\_support": "Customer Support",

"view\_rewards": "View Rewards",

"schedule\_delivery": "Schedule Delivery",

"language\_select": "Select Language"

}

```

---

```jsonl name=ai/training\_data/error\_responses.jsonl

{"input": "xyzabc", "response": "Sorry, I didn't get that. Can you rephrase?"}

{"input": "blah blah", "response": "I'm not sure what you mean. Could you clarify?"}

{"input": "!!!", "response": "I couldn't process your request. Try again?"}

{"input": "sdjfhwqer", "response": "That doesn't seem to match anything I know. Can you try again?"}

{"input": "@@@@", "response": "I'm sorry, I didn't understand that. Could you rephrase?"}

{"input": "what is the square root of pizza", "response": "That question doesn't seem related. Could you ask something else?"}

{"input": "lorem ipsum", "response": "I didn't understand that. Please clarify your request."}

{"input": "colorless green ideas sleep furiously", "response": "That's an interesting phrase, but I don't understand the request. Can you clarify?"}

{"input": "banana spaceship", "response": "That doesn't match any of my commands. Try something else?"}

{"input": "asdf", "response": "Could you please rephrase or specify what you need help with?"}

```

```

---

``````jsonl name=ai/training\_data/session\_examples.jsonl

{"session": ["Show me sativa strains", "Add Skywalker Haze to my cart", "Checkout"], "outcome": "Order placed for Skywalker Haze"}

{"session": ["Where is my order?", "Track my delivery"], "outcome": "Order tracking link sent to user"}

{"session": ["Show me vegan edibles", "Add ChillChews to my cart", "Apply discount code", "Checkout"], "outcome": "Order placed for ChillChews with discount applied"}

{"session": ["I want to buy a vape pen", "Show me Stealth Vape", "Add to cart", "Checkout"], "outcome": "Order placed for Stealth Vape"}

{"session": ["Show latest deals", "Add discounted flower to cart", "Checkout"], "outcome": "Order placed for discounted flower"}

{"session": ["Show me all edibles", "Filter by relaxing", "Add two items to cart", "Checkout"], "outcome": "Order placed for two relaxing edibles"}

{"session": ["Where is my last order?", "Resend tracking link"], "outcome": "Tracking link resent"}

{"session": ["Show my order history", "Repeat last order"], "outcome": "Last order repeated and placed"}

{"session": ["Start AR mode", "Preview ChillChews in my room", "Add to cart", "Checkout"], "outcome": "Order placed for ChillChews using AR preview"}

{"session": ["Enter VR lounge", "Show shop in VR", "Add Skywalker Haze to my cart", "Checkout"], "outcome": "Order placed in VR environment"}

{"session": ["Order a custom 3D printed grinder", "Customize design", "Add to cart", "Checkout"], "outcome": "Order placed for custom 3D printed grinder"}

{"session": ["Pin my delivery location", "Order Stealth Vape", "Checkout"], "outcome": "Order placed for Stealth Vape with pinpoint delivery"}

{"session": ["Enable voice commands", "Say 'Order ChillChews'", "Checkout"], "outcome": "Order placed for ChillChews via voice command"}

{"session": ["Request a ride to the event", "Share my ride status"], "outcome": "Ride requested and status shared"}

{"session": ["Show trending products", "Add to cart", "Checkout"], "outcome": "Order placed for trending product"}

{"session": ["Show me gift options", "Add blanket to cart", "Checkout"], "outcome": "Order placed for personalized blanket"}

```

---

```json name=ai/training\_data/product\_catalog.json

[

{"id": "p001", "name": "ChillChews", "type": "edible", "tags": ["vegan", "relaxing"], "price": 15.99},

{"id": "p002", "name": "Skywalker Haze", "type": "flower", "tags": ["sativa", "uplifting"], "price": 39.99},

{"id": "p003", "name": "Stealth Vape", "type": "vape\_pen", "tags": ["discreet"], "price": 29.99},

{"id": "p004", "name": "Zen Brownie", "type": "edible", "tags": ["chocolate", "relaxing"], "price": 12.99},

{"id": "p005", "name": "Northern Lights", "type": "flower", "tags": ["indica", "night"], "price": 42.49},

{"id": "p006", "name": "Custom Grinder", "type": "accessory", "tags": ["3d\_printed", "custom"], "price": 24.99},

{"id": "p007", "name": "Personalized Mug", "type": "gift", "tags": ["pod", "custom"], "price": 18.00},

{"id": "p008", "name": "Blanket", "type": "gift", "tags": ["pod", "personalized"], "price": 35.00},

{"id": "p009", "name": "Eco Tote Bag", "type": "accessory", "tags": ["pod", "eco\_friendly"], "price": 14.50},

{"id": "p010", "name": "Holiday Sweater", "type": "apparel", "tags": ["pod", "holiday"], "price": 39.00}

]

```

---

```jsonl name=ai/training\_data/feedback\_examples.jsonl

{"feedback": "The checkout process was really easy!", "sentiment": "positive"}

{"feedback": "My order took too long to arrive.", "sentiment": "negative"}

{"feedback": "Product quality was okay.", "sentiment": "neutral"}

{"feedback": "AR preview feature made shopping fun!", "sentiment": "positive"}

{"feedback": "I had trouble updating my delivery pin.", "sentiment": "negative"}

{"feedback": "Support responded quickly to my questions.", "sentiment": "positive"}

{"feedback": "The VR shop was a cool experience.", "sentiment": "positive"}

{"feedback": "Would like more vegan edible options.", "sentiment": "neutral"}

{"feedback": "3D printed grinder looks amazing!", "sentiment": "positive"}

{"feedback": "Ride share feature was confusing to set up.", "sentiment": "negative"}

{"feedback": "Voice commands didn't always work.", "sentiment": "negative"}

{"feedback": "Gift options were unique and appreciated.", "sentiment": "positive"}

{"feedback": "Delivery ETA was not accurate.", "sentiment": "negative"}

{"feedback": "Checkout was fast with Apple Pay.", "sentiment": "positive"}

{"feedback": "Custom design tool was easy to use.", "sentiment": "positive"}

```

---

```json name=ai/training\_data/metrics\_definitions.json

{

"intent\_recognition\_accuracy": "Percentage of user queries accurately mapped to the correct intent.",

"average\_session\_length": "Average number of user turns per session.",

"cart\_abandonment\_rate": "Percentage of carts not converted to orders.",

"first\_response\_time": "Average time to first response from the bot.",

"user\_retention": "Percentage of users returning within 30 days.",

"ar\_feature\_usage": "Percentage of users who utilized AR shopping features.",

"vr\_session\_count": "Number of sessions started in VR environments.",

"customization\_rate": "Percentage of users who use the custom design tool.",

"successful\_pinpoint\_deliveries": "Number of orders delivered using pinpoint delivery.",

"average\_delivery\_eta\_accuracy": "Average difference between actual and estimated delivery times."

}

```

---

```json name=ai/training\_data/integration\_mappings.json

[

{"intent": "add\_to\_cart", "api\_endpoint": "/cart/add"},

{"intent": "checkout", "api\_endpoint": "/checkout/start"},

{"intent": "track\_delivery", "api\_endpoint": "/order/track"},

{"intent": "apply\_promo\_code", "api\_endpoint": "/promo/apply"},

{"intent": "ar\_item\_preview", "api\_endpoint": "/ar/preview"},

{"intent": "pin\_delivery\_location", "api\_endpoint": "/delivery/pin"},

{"intent": "order\_ride", "api\_endpoint": "/rideshare/order"},

{"intent": "customize\_product", "api\_endpoint": "/product/customize"},

{"intent": "start\_vr\_lounge", "api\_endpoint": "/vr/lounge/start"},

{"intent": "get\_fare\_estimate", "api\_endpoint": "/rideshare/fare\_estimate"}

]

```

---

```jsonl name=ai/training\_data/test\_cases.jsonl

{"input": "Add ChillChews to my cart", "expected\_intent": "add\_to\_cart", "expected\_action": "add\_to\_cart"}

{"input": "Show me vegan edibles", "expected\_intent": "filter\_product", "expected\_action": "filter\_product"}

{"input": "Track my delivery", "expected\_intent": "track\_delivery", "expected\_action": "track\_delivery"}

{"input": "Preview Skywalker Haze in AR", "expected\_intent": "ar\_item\_preview", "expected\_action": "ar\_item\_preview"}

{"input": "Order a ride to the event", "expected\_intent": "order\_ride", "expected\_action": "order\_ride"}

{"input": "Customize a mug with my photo", "expected\_intent": "customize\_product", "expected\_action": "customize\_product"}

{"input": "Pin my delivery location", "expected\_intent": "pin\_delivery\_location", "expected\_action": "pin\_delivery\_location"}

{"input": "Show me trending products", "expected\_intent": "show\_trending", "expected\_action": "show\_trending"}

{"input": "Enable voice commands", "expected\_intent": "enable\_voice\_commands", "expected\_action": "enable\_voice\_commands"}

{"input": "Cancel my last ride", "expected\_intent": "cancel\_ride", "expected\_action": "cancel\_ride"}

```

---

```jsonl name=ai/training\_data/ar\_commands.jsonl

{"utterance": "Enter AR mode", "action": "start\_ar\_mode"}

{"utterance": "Preview this item in my room", "action": "ar\_item\_preview"}

{"utterance": "Show AR catalog", "action": "ar\_catalog"}

{"utterance": "Try on sunglasses using AR", "action": "ar\_tryon\_sunglasses"}

{"utterance": "Show me my AR collectibles", "action": "show\_ar\_collection"}

{"utterance": "Place the virtual plant here", "action": "ar\_place\_item"}

{"utterance": "Scan the QR code for AR", "action": "ar\_scan\_qr"}

{"utterance": "Switch to AR shopping mode", "action": "ar\_shopping\_mode"}

{"utterance": "Preview my custom hoodie in AR", "action": "ar\_item\_preview"}

{"utterance": "Pinpoint delivery in AR", "action": "ar\_pin\_delivery"}

```

---

```jsonl name=ai/training\_data/vr\_commands.jsonl

{"utterance": "Enter VR lounge", "action": "start\_vr\_lounge"}

{"utterance": "Show shop in VR", "action": "vr\_shop\_view"}

{"utterance": "Teleport to event in VR", "action": "vr\_teleport\_event"}

{"utterance": "Walk around the dispensary in VR", "action": "vr\_walk\_dispensary"}

{"utterance": "View 3D products in VR", "action": "vr\_3d\_products"}

{"utterance": "Meet friends in the VR social hub", "action": "vr\_social\_hub"}

{"utterance": "Start VR product demo", "action": "vr\_product\_demo"}

{"utterance": "Customize my VR avatar", "action": "vr\_customize\_avatar"}

{"utterance": "Order in VR shop", "action": "vr\_order\_shop"}

```

---

```jsonl name=ai/training\_data/3dpod\_commands.jsonl

{"utterance": "Show me 3D printed pipes", "action": "show\_3d\_pipes"}

{"utterance": "Order a custom 3D grinder", "action": "order\_3d\_grinder"}

{"utterance": "Preview 3D rolling tray", "action": "preview\_3d\_tray"}

{"utterance": "Customize 3D stash box", "action": "customize\_3d\_stash\_box"}

{"utterance": "Choose material for 3D print", "action": "3d\_choose\_material"}

{"utterance": "Upload my design for 3D printing", "action": "3d\_upload\_design"}

{"utterance": "Show available 3D models", "action": "3d\_show\_models"}

{"utterance": "Order a 3D printed phone case", "action": "3d\_order\_phone\_case"}

```

```

---

## 4. PoD (Print-on-Demand)

``````jsonl name=ai/training\_data/pod\_commands.jsonl

{"utterance": "Show me custom hoodies", "action": "pod\_show\_hoodies"}

{"utterance": "Order a t-shirt with my logo", "action": "pod\_order\_logo\_tshirt"}

{"utterance": "Create a personalized mug", "action": "pod\_personalized\_mug"}

{"utterance": "Show all PoD apparel", "action": "pod\_show\_apparel"}

{"utterance": "Design a custom tote bag", "action": "pod\_design\_tote\_bag"}

{"utterance": "Order a mug with my name on it", "action": "pod\_order\_named\_mug"}

{"utterance": "Show me personalized hats", "action": "pod\_show\_hats"}

{"utterance": "Create a phone case with my photo", "action": "pod\_create\_phone\_case"}

{"utterance": "Customize a sweatshirt", "action": "pod\_customize\_sweatshirt"}

{"utterance": "Preview my design on a hoodie", "action": "pod\_preview\_hoodie"}

{"utterance": "Show me all print-on-demand drinkware", "action": "pod\_show\_drinkware"}

{"utterance": "Order matching family shirts", "action": "pod\_order\_family\_shirts"}

{"utterance": "Design a custom pillow", "action": "pod\_design\_pillow"}

{"utterance": "Show me eco-friendly PoD products", "action": "pod\_show\_eco\_friendly"}

{"utterance": "Order a personalized blanket", "action": "pod\_order\_blanket"}

{"utterance": "Customize my own socks", "action": "pod\_customize\_socks"}

{"utterance": "Show PoD gifts under $20", "action": "pod\_show\_gifts\_under\_20"}

{"utterance": "Order a custom backpack", "action": "pod\_order\_backpack"}

{"utterance": "Show trending print-on-demand designs", "action": "pod\_show\_trending\_designs"}

{"utterance": "Design a holiday sweater", "action": "pod\_design\_holiday\_sweater"}

```

---

```jsonl name=ai/training\_data/rideshare\_commands.jsonl

{"utterance": "Order a ride", "action": "order\_ride"}

{"utterance": "Schedule a ride to the event", "action": "schedule\_ride\_event"}

{"utterance": "Show me my ride history", "action": "show\_ride\_history"}

{"utterance": "Cancel my ride", "action": "cancel\_ride"}

{"utterance": "Share my ride status", "action": "share\_ride\_status"}

{"utterance": "Request a ride for later", "action": "request\_ride\_later"}

{"utterance": "Book a car for airport drop", "action": "book\_airport\_ride"}

{"utterance": "Order a luxury vehicle", "action": "order\_luxury\_ride"}

{"utterance": "Show me available ride types", "action": "show\_ride\_types"}

{"utterance": "Contact my driver", "action": "contact\_driver"}

{"utterance": "Update my ride pickup location", "action": "update\_ride\_pickup"}

{"utterance": "Get fare estimate", "action": "get\_fare\_estimate"}

{"utterance": "Rate my last ride", "action": "rate\_last\_ride"}

{"utterance": "Add a stop to my ride", "action": "add\_ride\_stop"}

{"utterance": "Request wheelchair accessible vehicle", "action": "request\_accessible\_ride"}

```

---

```jsonl name=ai/training\_data/pinpoint\_delivery\_commands.jsonl

{"utterance": "Pin my delivery location", "action": "pin\_delivery\_location"}

{"utterance": "Update my delivery pin", "action": "update\_delivery\_pin"}

{"utterance": "Show delivery ETA", "action": "show\_delivery\_eta"}

{"utterance": "Track my pinpoint delivery", "action": "track\_pinpoint\_delivery"}

{"utterance": "Set delivery drop-off instructions", "action": "set\_delivery\_instructions"}

{"utterance": "Change my delivery address", "action": "change\_delivery\_address"}

{"utterance": "Notify me when delivery is close", "action": "notify\_delivery\_near"}

{"utterance": "Share my delivery pin with a friend", "action": "share\_delivery\_pin"}

{"utterance": "Show map of my delivery route", "action": "show\_delivery\_route\_map"}

{"utterance": "Verify my delivery pin", "action": "verify\_delivery\_pin"}

{"utterance": "Call the delivery driver", "action": "call\_delivery\_driver"}

{"utterance": "Save this location for future deliveries", "action": "save\_delivery\_location"}

```

---

```jsonl name=ai/training\_data/voice\_control\_commands.jsonl

{"utterance": "Enable voice commands", "action": "enable\_voice\_commands"}

{"utterance": "Disable voice control", "action": "disable\_voice\_commands"}

{"utterance": "Say 'order now'", "action": "voice\_order\_now"}

{"utterance": "Read my notifications", "action": "read\_notifications"}

{"utterance": "Speak product details", "action": "speak\_product\_details"}

{"utterance": "Turn on voice shopping", "action": "enable\_voice\_shopping"}

{"utterance": "Mute voice feedback", "action": "mute\_voice\_feedback"}

{"utterance": "Activate hands-free mode", "action": "activate\_hands\_free"}

{"utterance": "Repeat the last command", "action": "repeat\_last\_voice\_command"}

{"utterance": "Show voice command history", "action": "show\_voice\_command\_history"}

{"utterance": "Speak my order summary", "action": "speak\_order\_summary"}

{"utterance": "Enable voice search", "action": "enable\_voice\_search"}

{"utterance": "Deactivate voice assistant", "action": "deactivate\_voice\_assistant"}

```

---

```jsonl name=ai/training\_data/advanced\_multimodal\_commands.jsonl

{"utterance": "Preview my custom hoodie in AR before ordering", "actions": ["pod\_show\_hoodies", "ar\_item\_preview"]}

{"utterance": "Order a 3D printed pipe and schedule pinpoint delivery", "actions": ["order\_3d\_pipe", "pin\_delivery\_location"]}

{"utterance": "Show the event lounge in VR and order a ride there", "actions": ["start\_vr\_lounge", "order\_ride"]}

{"utterance": "Enable voice commands and start AR try-on", "actions": ["enable\_voice\_commands", "ar\_tryon\_sunglasses"]}

{"utterance": "Use voice to pin my delivery location in AR", "actions": ["enable\_voice\_commands", "ar\_pin\_location"]}

{"utterance": "Order a custom mug and track its pinpoint delivery", "actions": ["pod\_personalized\_mug", "track\_pinpoint\_delivery"]}

{"utterance": "Try on my holiday sweater in AR and add to cart", "actions": ["pod\_design\_holiday\_sweater", "ar\_item\_preview", "add\_to\_cart"]}

{"utterance": "Book a ride to the VR event island", "actions": ["start\_vr\_event\_island", "order\_ride"]}

{"utterance": "Speak my custom design instructions and preview in AR", "actions": ["enable\_voice\_commands", "pod\_customize\_sweatshirt", "ar\_item\_preview"]}

{"utterance": "Pinpoint delivery for my 3D printed phone case and notify me when close", "actions": ["order\_3d\_phone\_case", "pin\_delivery\_location", "notify\_delivery\_near"]}

``````

---

```jsonl name=ai/training\_data/moderation\_rules.jsonl

{"rule\_id": "r001", "type": "profanity", "action": "flag\_message"}

{"rule\_id": "r002", "type": "hate\_speech", "action": "shadow\_ban\_user"}

{"rule\_id": "r003", "type": "spam", "action": "delete\_message"}

{"rule\_id": "r004", "type": "illegal\_activity", "action": "report\_to\_admin"}

```

---

```jsonl name=ai/training\_data/escalation\_protocols.jsonl

{"case": "illegal\_activity", "procedure": "Immediately notify legal and security teams."}

{"case": "severe\_technical\_issue", "procedure": "Escalate to engineering on-call."}

{"case": "user\_safety\_threat", "procedure": "Contact emergency services and report to authorities."}

```

---

``````json name=ai/training\_data/ui\_components.json

{

"ar\_overlay": {

"type": "overlay",

"properties": ["product\_name", "price", "description", "ar\_preview\_button", "add\_to\_cart", "product\_rating", "stock\_status", "share\_button", "zoom\_slider", "qr\_code\_display"]

},

"vr\_menu": {

"type": "menu",

"options": ["teleport", "settings", "inventory", "exit", "social\_hub", "voice\_chat", "mini\_map", "notifications", "help", "customize\_avatar"]

},

"3d\_product\_viewer": {

"type": "viewer",

"features": ["rotate", "zoom", "texture\_swap", "background\_change", "lighting\_control", "save\_snapshot"]

},

"audio\_player": {

"type": "player",

"controls": ["play", "pause", "stop", "volume", "mute", "track\_progress", "repeat", "shuffle"]

},

"chat\_panel": {

"type": "panel",

"features": ["send\_message", "voice\_input", "emoji\_picker", "attach\_file", "message\_pin", "user\_list", "moderation\_tools"]

},

"delivery\_tracker": {

"type": "widget",

"properties": ["map\_view", "current\_status", "estimated\_arrival", "delivery\_person\_info", "contact\_support", "live\_updates"]

},

"notification\_center": {

"type": "panel",

"features": ["mark\_all\_read", "filter\_by\_type", "snooze\_notifications", "notification\_settings", "view\_history"]

},

"product\_customizer": {

"type": "tool",

"options": ["color\_picker", "add\_text", "upload\_image", "preview\_in\_ar", "reset\_design", "save\_design", "order\_now"]

},

"voice\_command\_overlay": {

"type": "overlay",

"features": ["live\_transcription", "command\_history", "error\_feedback", "hint\_suggestions"]

},

"pod\_order\_summary": {

"type": "summary",

"fields": ["product\_list", "customizations", "subtotal", "shipping\_options", "apply\_coupon", "final\_total"]

},

"accessibility\_toolbar": {

"type": "toolbar",

"options": ["increase\_font", "decrease\_font", "toggle\_contrast", "enable\_screen\_reader", "audio\_descriptions", "keyboard\_navigation"]

}

}

```

---

```json name=ai/training\_data/integrations.json

[

{

"name": "Payment Gateway",

"type": "API",

"description": "Handles payment processing",

"endpoints": ["/charge", "/refund"]

},

{

"name": "Shipping Provider",

"type": "SDK",

"description": "Calculates shipping rates and tracks deliveries",

"methods": ["getRates", "trackPackage"]

},

{

"name": "3D Print Service",

"type": "API",

"description": "Custom 3D product order and status",

"endpoints": ["/createOrder", "/getOrderStatus", "/listMaterials"]

},

{

"name": "Voice Command Engine",

"type": "SDK",

"description": "Processes and interprets voice commands",

"methods": ["startListening", "stopListening", "getTranscript"]

},

{

"name": "Ride Share Platform",

"type": "API",

"description": "Request, track, and manage ride share options",

"endpoints": ["/requestRide", "/cancelRide", "/rideStatus"]

},

{

"name": "Pinpoint Delivery",

"type": "API",

"description": "Precise delivery location and ETA",

"endpoints": ["/pinLocation", "/getETA", "/liveTracking"]

},

{

"name": "Notification Service",

"type": "API",

"description": "Send push, email, and SMS notifications",

"endpoints": ["/sendPush", "/sendEmail", "/sendSMS"]

},

{

"name": "User Profile Manager",

"type": "API",

"description": "Manage user data, preferences, and settings",

"endpoints": ["/getUser", "/updateProfile", "/setPreferences"]

}

]

```

---

```jsonl name=ai/training\_data/onboarding\_tutorials.jsonl

{"step": 1, "text": "Welcome! First, create your avatar.", "action": "customize\_avatar"}

{"step": 2, "text": "Now, explore the main plaza.", "action": "navigate\_main\_plaza"}

{"step": 3, "text": "Visit the shop to buy items.", "action": "open\_shop"}

{"step": 4, "text": "Check your notifications for updates and bonuses.", "action": "show\_notifications"}

{"step": 5, "text": "Start your first quest to earn rewards.", "action": "start\_quest"}

{"step": 6, "text": "Try previewing an item in your space with AR.", "action": "ar\_item\_preview"}

{"step": 7, "text": "Order a ride to the event island to join other players!", "action": "order\_ride"}

{"step": 8, "text": "Pin your delivery location for precise drop-off.", "action": "pin\_delivery\_location"}

{"step": 9, "text": "Enable voice commands for a hands-free experience.", "action": "enable\_voice\_commands"}

{"step": 10, "text": "Complete your onboarding checklist to unlock special rewards.", "action": "complete\_onboarding"}

```

---

```json name=ai/training\_data/accessibility\_settings.json

{

"screen\_reader\_enabled": true,

"colorblind\_mode": "protanopia",

"font\_size": "large",

"contrast": "high",

"keyboard\_navigation": true,

"audio\_descriptions": true,

"voice\_control\_enabled": true,

"animation\_reduction": true,

"highlight\_links": true,

"text\_to\_speech": true,

"captions\_enabled": false

}

```

---

```jsonl name=ai/training\_data/legal\_notices.jsonl

{"type": "gdpr\_notice", "text": "We use cookies to improve your experience. By using our site, you agree to our cookie policy."}

{"type": "privacy\_policy", "url": "/privacy"}

{"type": "terms\_of\_service", "url": "/terms"}

{"type": "age\_restriction", "text": "You must be 21+ to use this service. Age verification is required."}

{"type": "medical\_disclaimer", "text": "Products are not intended to diagnose, treat, cure, or prevent any disease. Consult your healthcare provider."}

{"type": "accessibility\_statement", "url": "/accessibility"}

{"type": "ccpa\_notice", "text": "California residents may request information about data collection and opt out of sale of personal information."}

{"type": "copyright", "text": "All content © 2025 MyCompany. All rights reserved."}

```