

# Guideline

## 1. Sentence labeling

Aspect	Definition	Related words
Appearance	Sentences about the appearance aspect often describe characteristics such as <b>color, head, clarity, and lacing</b> .	<b>Color:</b> dark, amber, color, pale, yellow, red, bright, orange, copper, brown, caramel  <b>Head:</b> creamy head, thick head, white head, minimal head, long lasting head, weak, tiny head, tall head, frothy, no head, dissipates, retention  <b><u>note</u>:</b> Head can be measured using finger  <b>Clarity:</b> cloudy, clear, hazy
Aroma	Sentences about the aroma aspect often describe characteristics such as the <b>smell, scent, fragrance, or nose</b> of the beer. They may include descriptions of specific notes or elements detected in the aroma, such as <b>fruits, spices, hops, malt</b> , or other distinctive smells.	smell, nose, scent, fragrance, bouquet, aroma, odor, essence, notes, hints, whiff, perfume, aromatic, sniff, inhale, breathe in, floral, fruity, citrusy, spicy, herbal, earthy, woody, malty, hoppy, roasted, smoky, sweet, sour, tart, funky, yeasty, caramel, chocolate, coffee, vanilla, nutty, toasty, resinous, piney, dank, tropical, crisp, clean, complex, balanced, intense, subtle, overpowering, mild
Palate	Sentences about the palate aspect often describe characteristics such as the <b>body, mouthfeel, carbonation, texture</b> , and <b>how the beer feels as it moves across the tongue and mouth</b> . They could include descriptions of whether the beer is light, medium, or full-bodied, if it is creamy, smooth, or thin, and how the carbonation affects the overall drinking experience.	body, mouthfeel, carbonation, texture, smooth, creamy, thin, viscous, full-bodied, light-bodied, medium-bodied, chewy, silky, oily, crisp, sticky, dry, astringent, bitter, balanced, dense, effervescent, flat, gritty, heavy, light, lingering, refreshing, rich, round, soft, syrupy, tingly, velvety, warm, watery, zesty, mouth-coating, mouth-drying, puckering, powdery, foamy, prickly, smooth, fizzy, chalky, bubbly
Taste	Sentences about the palate taste often describe characteristics such as the <b>flavor profile, balance, intensity, complexity, sweetness, bitterness, acidity, and aftertaste of the beer</b> . They may mention specific flavors detected (e.g., fruits, spices, malt, hops) and how these flavors evolve from the initial sip to the finish.	flavor, profile, balance, intensity, complexity, sweetness, bitterness, acidity, aftertaste, finish, notes, hints, layers, malt, hops, fruity, spicy, earthy, citrus, caramel, chocolate, coffee, roasted, toasted, nutty, yeast, alcohol, tart, sour, tangy, vanilla, wood, oak, smooth, crisp, clean, dry, sweet, rich, robust, balanced,

		harsh, muted, overpowering, subtle, bold, mild, refreshing
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The PDF file of examples was attached to this documentation (namely: sentence-aspect-labeling-example.pdf).

## 2. Comparison Labeling

Aspect	How to compare	Guide
Appearance	-Based on the sentiment about these aspects from the review pairs. Read through the entire review and the sentences related to the aspect being considered to make an assessment about the superiority of that aspect in the two reviews. To make comparisons easier, you can assign sentiment to each aspect in that sentence (assigning at the level of “very good”, “good”, “average”, “poor”, “very poor”) and then compare the sentiment about the aspect being considered in the two reviews with each other.	<i>This may be different based on type of the beer</i> <b>Good:</b> amber, golden, crystal clear, reddish brown, dark brown, opaque, gold, thick head, creamy head, lasts, 1/2 inches/fingers, long-lasting, rope-like, lively carbonation, <b>Bad:</b> light, watery, water, cheap, nothing, corn, urine, piss, no lacing, no head, microscopic, few, dissipate quickly, thin head, flat, little retention
Aroma	-Each type of beer has a different characteristic, and evaluating a type of beer should depend on whether it matches the characteristics of that type of beer. Refer to the domain knowledge PDF file (attached) to know the characteristics of each type of beer.	<i>This may be different based on type of the beer</i> <b>Good:</b> malts, hops, bourbon, chocolate, vanilla, caramel, fruity, raisin, toffee, balanced <b>Bad:</b> light, little, nothing, pale, corn, not much, water, faint, paper, skunk, metallic, no scent, non existent
Palate	-There are labels: -1 if review1 is rated lower on that aspect. - 0 if the pair of reviews are considered to have equal ratings. - 1 if review1 is rated higher on that aspect. - null if one or both of the reviews do not mention that aspect.	<i>This may be different based on type of the beer</i> <b>Good:</b> smooth, perfectly/moderate carbonated, nice coating, lingering, creamy, thick, full, oily <b>Bad:</b> too much, dry, cheap, corn, soda, bad, thin, fizzy, water, non existent, over-carbonated, no fizz at all
Taste		<i>This may be different based on type of the beer</i> <b>Good:</b> crisp, refreshing, malts, hops, bourbon, chocolate, vanilla, caramel, fruity, raisin, toffee, balanced, roasty <b>Bad:</b> cheap, awful, water, metallic, soda, no depth, skunk, rotting, aspartame, plain, urine, flat, bland

The PDF file of examples was attached to this documentation (namely: [comparision\\_labeling\\_example.pdf](#)).