

Table: User_Logistics_Universal

`user_id` (UUID, Primary Key)
`created_at` (Timestamp)
`updated_at` (Timestamp)
`current_location_geo` (POINT)
`availability_start_date` (DATE)
`remote_preference_score` (INT, 1-10)
`travel_willingness_percentage` (INT, 0-100)

Table: Education_and_Vocational_Records

`record_id` (UUID, Primary Key)
`user_id` (UUID, Foreign Key)
`institution_type` (ENUM: University, Community College, Trade School, Conservatory, Apprenticeship)
`degree_level_isced` (INT, ISCED-2011 Level 0-8)
`field_of_study_isco_category` (VARCHAR)
`program_name` (VARCHAR)
`start_date` (DATE)
`completion_date` (DATE)
`status` (ENUM: Complete, In Progress, Withdrawn)
`academic_score_normalized` (DECIMAL, 0.0-1.0)

Table: Psychometrics_BigFive

`user_id` (UUID, Primary/Foreign Key)
`openness_overall` (INT, 0-100)
`openness_imagination` (INT, 0-100)
`openness_artistic_interests` (INT, 0-100)
`openness_emotionality` (INT, 0-100)
`openness_adventurousness` (INT, 0-100)
`openness_intellect` (INT, 0-100)
`openness_liberalism` (INT, 0-100)
`conscientiousness_overall` (INT, 0-100)
`conscientiousness_self_efficacy` (INT, 0-100)
`conscientiousness_orderliness` (INT, 0-100)
`conscientiousness_dutifulness` (INT, 0-100)
`conscientiousness_achievement_striving` (INT, 0-100)
`conscientiousness_self_discipline` (INT, 0-100)
`conscientiousness_cautionness` (INT, 0-100)
`extraversion_overall` (INT, 0-100)
`extraversion_friendliness` (INT, 0-100)

extraversion_gregariousness (INT, 0-100)
 extraversion_assertiveness (INT, 0-100)
 extraversion_activity_level (INT, 0-100)
 extraversion_excitement_seeking (INT, 0-100)
 extraversion_cheerfulness (INT, 0-100)
 agreeableness_overall (INT, 0-100)
 agreeableness_trust (INT, 0-100)
 agreeableness_morality (INT, 0-100)
 agreeableness_altruism (INT, 0-100)
 agreeableness_cooperation (INT, 0-100)
 agreeableness_modesty (INT, 0-100)
 agreeableness_sympathy (INT, 0-100)
 neuroticism_overall (INT, 0-100)
 neuroticism_anxiety (INT, 0-100)
 neuroticism_anger (INT, 0-100)
 neuroticism_depression (INT, 0-100)
 neuroticism_self_consciousness (INT, 0-100)
 neuroticism_immoderation (INT, 0-100)
 neuroticism_vulnerability (INT, 0-100)

Table: Vocational_Interests_and_Values

user_id (UUID, Primary/Foreign Key)
 riasec_realistic (INT, 0-100)
 riasec_investigative (INT, 0-100)
 riasec_artistic (INT, 0-100)
 riasec_social (INT, 0-100)
 riasec_enterprising (INT, 0-100)
 riasec_conventional (INT, 0-100)
 value_achievement (INT, 0-100)
 value_independence (INT, 0-100)
 value_recognition (INT, 0-100)
 value_relationships (INT, 0-100)
 value_support (INT, 0-100)
 value_working_conditions (INT, 0-100)

Table: Universal_Cognitive_and_Physical_Skills

user_id (UUID, Primary/Foreign Key)
 cog_critical_thinking (INT, 0-100)
 cog_active_learning (INT, 0-100)
 cog_complex_problem_solving (INT, 0-100)
 cog_spatial_orientation (INT, 0-100)

cog_memorization (INT, 0-100)
 cog_perceptual_speed (INT, 0-100)
 comm_reading_comprehension (INT, 0-100)
 comm_active_listening (INT, 0-100)
 comm_writing (INT, 0-100)
 comm_speaking (INT, 0-100)
 inter_persuasion (INT, 0-100)
 inter_negotiation (INT, 0-100)
 inter_instruction (INT, 0-100)
 inter_service_orientation (INT, 0-100)
 inter_social_perceptiveness (INT, 0-100)
 phys_manual_dexterity (INT, 0-100)
 phys_finger_dexterity (INT, 0-100)
 phys_multilimb_coordination (INT, 0-100)
 phys_static_strength (INT, 0-100)
 phys_dynamic_strength (INT, 0-100)
 phys_stamina (INT, 0-100)
 sensory_near_vision (INT, 0-100)
 sensory_far_vision (INT, 0-100)
 sensory_color_discrimination (INT, 0-100)
 sensory_hearing_sensitivity (INT, 0-100)

Table: Domain_Skills_STEM_and_IT

user_id (UUID, Primary/Foreign Key)
 stem_mathematical_reasoning (INT, 0-10)
 stem_statistical_analysis (INT, 0-10)
 stem_physics_principles (INT, 0-10)
 stem_chemistry_principles (INT, 0-10)
 stem_biological_principles (INT, 0-10)
 stem_laboratory_techniques (INT, 0-10)
 eng_mechanical_design_cad (INT, 0-10)
 eng_electrical_schematics (INT, 0-10)
 eng_civil_structural_analysis (INT, 0-10)
 cs_data_structures (INT, 0-10)
 cs_algorithm_design_analysis (INT, 0-10)
 cs_computational_complexity (INT, 0-10)
 cs_compiler_design (INT, 0-10)
 cs_operating_systems_internals (INT, 0-10)
 se_test_driven_development (INT, 0-10)
 se_ci_cd_pipelines (INT, 0-10)
 se_version_control_workflows (INT, 0-10)

se_microservices_architecture (INT, 0-10)
se_api_design_rest_graphql (INT, 0-10)
dev_frontend_frameworks (INT, 0-10)
dev_mobile_application_development (INT, 0-10)
dev_ui_ux_implementation (INT, 0-10)
dev_web_accessibility_wcag (INT, 0-10)
it_database_management_relational (INT, 0-10)
it_database_management_nosql (INT, 0-10)
dev_backend_server_logic (INT, 0-10)
dev_message_brokers_event_streaming (INT, 0-10)
it_cloud_infrastructure_aws_gcp_azure (INT, 0-10)
devops_containerization_orchestration (INT, 0-10)
devops_infrastructure_as_code (INT, 0-10)
sys_distributed_systems (INT, 0-10)
sys_network_protocols_osi (INT, 0-10)
ai_machine_learning_algorithms (INT, 0-10)
ai_deep_learning_neural_networks (INT, 0-10)
ai_natural_language_processing (INT, 0-10)
ai_computer_vision (INT, 0-10)
data_engineering_etl_pipelines (INT, 0-10)
data_big_data_processing (INT, 0-10)
sec_cryptography_principles (INT, 0-10)
sec_application_security_owasp (INT, 0-10)
sec_penetration_testing (INT, 0-10)
sec_incident_response (INT, 0-10)
hw_embedded_systems_iiot (INT, 0-10)
hw_fpga_asic_design (INT, 0-10)
tech_blockchain_smart_contracts (INT, 0-10)
tech_quantum_computing_fundamentals (INT, 0-10)
game_engine_architecture (INT, 0-10)
tech_ar_vr_development (INT, 0-10)

Table: Domain_Skills_Healthcare_and_Sciences

user_id (UUID, Primary/Foreign Key)
health_patient_care_basic (INT, 0-10)
health_advanced_life_support (INT, 0-10)
health_medical_diagnostics (INT, 0-10)
health_pharmacology (INT, 0-10)
health_surgical_assistance (INT, 0-10)
health_anatomy_physiology (INT, 0-10)
health_mental_health_counseling (INT, 0-10)

health_physical_rehabilitation (INT, 0-10)
health_medical_equipment_operation (INT, 0-10)
health_infection_control (INT, 0-10)
health_nutrition_dietetics (INT, 0-10)
health_veterinary_care (INT, 0-10)

Table: Domain_Skills_Arts_Humanities_Media

user_id (UUID, Primary/Foreign Key)
art_graphic_design (INT, 0-10)
art_illustration_traditional (INT, 0-10)
art_3d_modeling_animation (INT, 0-10)
media_video_production (INT, 0-10)
media_audio_engineering (INT, 0-10)
media_journalism_reporting (INT, 0-10)
hum_creative_writing (INT, 0-10)
hum_technical_writing (INT, 0-10)
hum_foreign_language_translation (INT, 0-10)
hum_historical_research (INT, 0-10)
perf_music_instrumental (INT, 0-10)
perf_music_vocal (INT, 0-10)
perf_theater_acting (INT, 0-10)
perf_dance_choreography (INT, 0-10)

Table: Domain_Skills_Trades_Manufacturing_Logistics

user_id (UUID, Primary/Foreign Key)
trade_carpentry_woodworking (INT, 0-10)
trade_plumbing_pipefitting (INT, 0-10)
trade_electrical_wiring (INT, 0-10)
trade_hvac_maintenance (INT, 0-10)
trade_welding_metallurgy (INT, 0-10)
trade_masonry_concrete (INT, 0-10)
trade_automotive_repair (INT, 0-10)
mfg_heavy_machinery_operation (INT, 0-10)
mfg_cnc_machining (INT, 0-10)
mfg_quality_control_inspection (INT, 0-10)
log_inventory_management (INT, 0-10)
log_supply_chain_routing (INT, 0-10)
log_commercial_driving_cdo (INT, 0-10)
log_aviation_piloting (INT, 0-10)
log_maritime_navigation (INT, 0-10)

agri_crop_management (INT, 0-10)
agri_animal_husbandry (INT, 0-10)

Table: Domain_Skills_Legal_Education_Social

user_id (UUID, Primary/Foreign Key)
law_legal_research (INT, 0-10)
law_contract_drafting (INT, 0-10)
law_litigation_procedure (INT, 0-10)
law_regulatory_compliance (INT, 0-10)
edu_curriculum_development (INT, 0-10)
edu_classroom_management (INT, 0-10)
edu_special_education_methods (INT, 0-10)
edu_educational_assessment (INT, 0-10)
soc_social_work_case_management (INT, 0-10)
soc_public_policy_analysis (INT, 0-10)
soc_community_outreach (INT, 0-10)
soc_urban_planning (INT, 0-10)
gov_law_enforcement_procedures (INT, 0-10)
gov_emergency_management (INT, 0-10)
gov_military_tactics (INT, 0-10)

Table: Domain_Skills_Business_and_Services

user_id (UUID, Primary/Foreign Key)
bus_financial_accounting (INT, 0-10)
bus_marketing_strategy (INT, 0-10)
bus_sales_conversion (INT, 0-10)
bus_human_resources_admin (INT, 0-10)
bus_project_management (INT, 0-10)
srv_culinary_arts (INT, 0-10)
srv_hospitality_management (INT, 0-10)
srv_event_planning (INT, 0-10)
srv_cosmetology (INT, 0-10)

Domain_Skills_Sustainability_and_ESG

user_id (UUID, Primary/Foreign Key)
esg_climate_risk_mitigation (INT, 0-10).
esg_circular_economy_design (INT, 0-10)
esg_biodiversity_preservation (INT, 0-10)
esg_sustainable_supply_chain (INT, 0-10)
esg_carbon_accounting_reporting (INT, 0-10)
esg_renewable_energy_systems (INT, 0-10)

esg_social_impact_assessment (INT, 0-10)
esg_regulatory_frameworks (INT, 0-10)

Table: Domain_Skills_Languages

user_id (UUID, Primary/Foreign Key)
lang_english (INT, 0-10)
lang_mandarin_chinese (INT, 0-10)
lang_hindi (INT, 0-10)
lang_spanish (INT, 0-10)
lang_french (INT, 0-10)
lang_modern_standard_arabic (INT, 0-10)
lang_bengali (INT, 0-10)
lang_russian (INT, 0-10)
lang_portuguese (INT, 0-10)
lang_urdu (INT, 0-10)
lang_indonesian (INT, 0-10)
lang_german (INT, 0-10)
lang_japanese (INT, 0-10)
lang_marathi (INT, 0-10)
lang_telugu (INT, 0-10)
lang_turkish (INT, 0-10)
lang_tamil (INT, 0-10)
lang_yue_chinese_cantonese (INT, 0-10)
lang_vietnamese (INT, 0-10)
lang_tagalog (INT, 0-10)
lang_wu_chinese (INT, 0-10)
lang_korean (INT, 0-10)
lang_persian (INT, 0-10)
lang_hausa (INT, 0-10)
lang_swahili (INT, 0-10)
lang_javanese (INT, 0-10)
lang_italian (INT, 0-10)
lang_punjabi (INT, 0-10)
lang_gujarati (INT, 0-10)
lang_thai (INT, 0-10)
lang_amharic (INT, 0-10)
lang_kannada (INT, 0-10)
lang_bhojpuri (INT, 0-10)
lang_jin_chinese (INT, 0-10)
lang_southern_min (INT, 0-10)
lang_hakka (INT, 0-10)

lang_burmese (INT, 0-10)

lang_yoruba (INT, 0-10)

lang_uzbek (INT, 0-10)

lang_polish (INT, 0-10)