

**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`status` (ENUM: Complete, In Progress, Withdrawn)  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_cautiousness` (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)  
commSpeaking (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_iot` (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)