-- RLS Policies Implementation

-- User Data Access

CREATE POLICY "Users can view own data"

ON public.user\_data

FOR SELECT

USING (auth.uid() = user\_id);

-- Organization-based Access

CREATE POLICY "Users can view org data"

ON public.organization\_data

FOR SELECT

USING (

organization\_id IN (

SELECT org\_id

FROM user\_organizations

WHERE user\_id = auth.uid()

)

);

-- Brand Content Access

CREATE POLICY "Brand content access"

ON public.brand\_content

FOR ALL

USING (

EXISTS (

SELECT 1

FROM user\_organizations uo

WHERE uo.user\_id = auth.uid()

AND uo.org\_id = organization\_id

AND (

uo.role IN ('admin', 'brand\_creator')

OR CURRENT\_OPERATION = 'SELECT'

)

)

);

-- Monitoring Tables

CREATE TABLE monitoring\_logs (

id uuid DEFAULT uuid\_generate\_v4() PRIMARY KEY,

event\_type text NOT NULL,

user\_id uuid REFERENCES auth.users,

organization\_id uuid,

metadata jsonb,

created\_at timestamptz DEFAULT now()

);

CREATE TABLE brand\_content\_access\_logs (

id uuid DEFAULT uuid\_generate\_v4() PRIMARY KEY,

content\_id uuid REFERENCES brand\_content,

user\_id uuid REFERENCES auth.users,

access\_type text NOT NULL,

success boolean DEFAULT false,

error\_message text,

created\_at timestamptz DEFAULT now()

);

CREATE TABLE beige\_score\_metrics (

id uuid DEFAULT uuid\_generate\_v4() PRIMARY KEY,

organization\_id uuid,

average\_score decimal,

total\_posts integer,

personalized\_posts integer,

generic\_posts integer,

period\_start timestamptz,

period\_end timestamptz,

created\_at timestamptz DEFAULT now()

);