

This UML class diagram illustrates the data model for the NPQ (National Professional Qualification) system. The diagram is organized into several functional groups:

- Providers and Partners:** Includes `ECFIneligibleParticipant`, `CpdLeadProvider`, `LeadProvider`, `CallOffContract`, `ParticipantBand`, `LeadProviderCip`, `ProviderRelationship`, `DeliveryPartner`, `CoreInductionProgramme`, `Partnership`, `InductionProgramme`, `Cohort`, `LocalAuthority`, `SchoolLocalAuthority`, and `NPQLeadProvider`.
- Schools and Local Authorities:** Includes `School`, `SchoolLink`, `Network`, `PupilPremium`, `SchoolLocalAuthorityDistrict`, `LocalAuthorityDistrict`, `DistrictSparsity`, and `NPQCourse`.
- Participants and Profiles:** Includes `ParticipantIdentity`, `LeadProviderProfile`, `SchoolCohort`, `ParticipantProfile`, `ParticipantProfileState`, `ProfileValidationDecision`, `ParticipantProfile::ECF`, `ParticipantProfile::NPQ`, `ParticipantProfile::Mentor`, `ParticipantProfile::ECT`, `ECFParticipantValidationData`, `ECFParticipantEligibility`, `ParticipantDeclaration`, `ParticipantDeclaration::NPQ`, `ParticipantDeclaration::ECF`, `DeclarationState`, and `ParticipantDeclarationAttempt`.
- Financials:** Includes `Finance` (containing `Finance::Schedule`, `Finance::Milestone`, and `Finance::Statement`), `InductionCoordinatorProfile`, and `InductionCoordinatorProfilesSchool`.
- Analytics:** Includes `Analytics::ECFParticipant` and `Analytics::ECFSchool`.

The diagram uses standard UML notation: solid lines for associations, dashed lines for generalizations, and solid lines with hollow triangle heads for composition. Many classes have attributes, some of which are marked as required (indicated by an asterisk) or have specific data types (e.g., `datetime`, `integer`, `string`, `boolean`, `decimal`, `uuid`, `text`, `jsonb`, `inet`, `enum`).