PROBLEM STATEMENT

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    To locate and control the gas leak by identifying the poisonous gas concentration, warning the individual to seek rescue, and minimizing gas leakage incidents. For those who work in industries, exposure to large concentrations of poisonous gas can impair their central nervous systems and cause a number of illnesses.

Who does the problem affect?	All generations of those employed in manufacturing and industries are impacted.
What are the boundaries of the problem?	Analysis of the subterranean natural gas pipeline's detrimental boundaries and features of leakage diffusion under various operating situations. difficulties with some instruments, certain gas sensors, and decreased accuracy.
What is the issue?	These leaks can produce physical symptoms, and in certain situations, the gas can harm people and animals with carbon monoxide.
When does the issue occur?	Human bodies become more contaminated with hazardous gases, which causes breathing problems like weariness, dizziness, and throat and eye irritation.
Where is the issue occurring?	Most factories and enterprises experience gas leaks. Accidents result from any fissures that develop in gas storage as a result of this. The respiratory system and the central nervous system are particularly affected, although the entire body is affected. Even death results from it.

Why is it important that we fix the problem?	Services for gas leak detection are required primarily for health reasons. Combustible gases have the potential to ignite fires or result in explosions that harm you, your loved ones, coworkers, or friends. Long-term exposure from gas leaks might have a negative impact on one's health. Even silent killers, some gas escapes.